

50th EPC

The jubilee meeting of the
European Pancreatic Club

13th – 16th June, 2018

Berlin, Germany

Scientific Programme

www.epc2018.eu



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Welcome Note

Dear colleagues and friends,

On behalf of the EPC council and the local organizing committee I welcome you to the 50th jubilee meeting of the European Pancreatic Club in Berlin. This city has served as a historic bridgehead between the East and the West for over a century. We feel fortunate to have chosen Berlin for the anniversary congress because with 500 abstract submissions from 35 countries and 5 continents this will probably become the world's largest pancreas event so far. The organizing committee has put together a very comprehensive program of original free paper sessions, invited keynote and named state of the art lectures, minisymposia, clinical controversies and an entire symposium dedicated to inherited diseases of the pancreas. The chosen topics cover many aspects of pancreatic diseases and biology ranging from Cancer and Pancreatitis to Cell Biology and Physiology, to Pancreatic Diabetes, Oncology, Endoscopy and Surgery.

I personally thank the EPC council and the program committee for suggesting such a wide range of topics for the program, the more than 100 faculty for accepting either invited lectures or for chairing sessions and, most importantly, the free paper and poster presenters for contributing their original research to this meeting. Without the generous support from foundations and industry a meeting of such scope and scale would not have been possible – therefore a special thank-you to all our exhibitors, benefactors and the sponsors of four satellite symposia. The teams from Interplan, our PCO, and from my department in Greifswald worked tirelessly to make this a memorable event for you – and let the preparations seem effortless to me.

Whether you are a clinician or a researcher and hail from the fields of medicine, surgery, oncology, endoscopy, pediatrics, pathology, genetics, cell biology or physiology – we hope this is a program you will find interesting and useful, with social events you shall enjoy, and a city you will remember.



Markus M. Lerch MD
EPC president

Organising Committee

Congress Chair

Markus M. Lerch MD, FRCP
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EPC Council 2018



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Organisation/ Registration/ Exhibition/Sponsoring



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Scientific Programme – Overview

Wednesday, 13th June 2018

10th International Symposium on Inherited Diseases of the Pancreas

Time	Plenary Room	Poster
08:25 – 08:30	Opening Remarks	
08:30 – 09:10	Session 1: The genetics of pancreatic disorders	
09:10 – 09:30	Inherited pancreatic cancer syndromes – the Henry Lynch Award lecture	
09:30 – 10:20	Satellite Symposium Inherited Disorders of Lipid Metabolism and Pancreatitis	
10:20 – 11:00	Session 2: A fresh view on the role of Trypsin mutations and Trypsin in pancreatitis	
11:00 – 12:40	Session 3: High throughput sequencing approaches and gene environment interactions	
12:50 – 13:45	Satellite Symposium The chase for disease genes – from linkage to high throughput	
14:00 – 15:20	Session 4: Genome wide analysis approaches	
15:20 – 16:00	Coffee break and discussion	Poster Session P1
16:00 – 16:40	Session 5: Disease causes and disease modifiers	
16:40 – 18:30	Session 6: Update on the current guideline for genetic disorders of the pancreas	
19:00 – 20:30	Welcome reception with buffett dinner. Henry Lynch Award for inherited diseases of the pancreas	

- 10th International Symposium on Inherited Diseases of the Pancreas
- Keynote Lectures
- Oral Presentations
- Named State of the Art Lectures
- Satellite Symposia
- Poster Sessions

Scientific Programme – Overview

Thursday, 14th June 2018

Time	Plenary Room	Poster	Salon 2	Salon 3
08:00 – 08:10	Welcome and Opening of EPC			Pancreatology Editorial Board 08:00 – 09:30
08:10 – 09:00	Session 1: IPMN and cystic lesions of the pancreas – free papers			
09:00 – 09:30	Session 2: Clinical controversies: Cystic lesions of the pancreas – ignorance, neglect or over-treatment?			
09:30 – 10:00				
10:00 – 10:30	Coffee break			
10:30 – 10:50	Session 3: Rudi Ammann memorial state of the art lecture			
10:50 – 12:00	Session 4: Surgical issues of pancreatic tumor resection – free papers			European Pancreatic Studies Conference EUROPAC & ESPAC Meeting 11:00 – 12:45
12:00 – 13:00	Session 5: Pancreatic Cancer: predispositions and diagnostic advances – free papers			
13:00 – 14:30	Satellite Symposium New evidence in pancreatic exocrine insufficiency 13:30–14:30	Poster Session P2	IAP council meeting 12:30 – 14:00	Pandora Consortium 12:45 – 14:45
14:30 – 15:10	Session 6: Parallel Tandem Talks for the uninitiated – The basics of pancreatitis		Cystic tumor group meeting 14:00 – 14:45	
15:10 – 16:30	Session 7: Progress in experimental pancreatitis – free papers			
16:30 – 17:00	Coffe break			
17:00 – 17:45	Session 8: Minisymposium: Big Data Approaches in Pancreatology			
17:45 – 18:30	Session 9: Diabetes and the pancreas – free papers			
18:30 – 19:00				
			YOUPIIE Reception for all Pancreas 2000 Alumni 18:00 – 19:00	

Scientific Programme – Overview

Friday, 15th June 2018

Time	Plenary Room	Poster	Salon 2
07:00 – 08:00			EPC Council Meeting
08:00 – 08:40	Session 10: Parallel Tandem Talks for the uninitiated – The basics of pancreatic cancer		
08:40 – 09:30	Session 11: Molecular mechanisms of pancreatic cancer – free papers		
09:30 – 10:30	Session 12: Clinical Controversies: Pancreatic cancer – time for local treatment options?		
10:30 – 11:00	Coffee break		
11:00 – 11:20	Session 13: Harald Goebell memorial state of the art lecture		
11:20 – 12:00	Session 14 Endoscopy of the pancreas – free papers		
12:00 – 13:00	Session 15: Minisymposium: Tumor microenvironment – does it favor tumor survival or patient survival?		
13:00 – 14:30	Satellite Symposium Pancreatic Cancer – Standards and New Horizons 13:00 – 14:00	Poster Session P3	Hungarian study group meeting 12:30 – 14:30
14:30 – 15:40	Session 16: Acute pancreatitis; risk, severity and treatment – free papers		
15:40 – 16:00	Session 17: Henri Sarles memorial state of the art lecture		
16:00 – 17:00	Session 18: Chronic pancreatitis in adults and children – free papers		
17:00 – 17:30	Coffee break		
17:30 – 19:00	EPC General Assembly		
19:30 – 23:00	EPC Award Dinner Hofbräuhaus		

Scientific Programme – Overview

Saturday, 16th June 2018

Time	Plenary Room
08:30 – 09:30	Session 19: Autoimmune and genetic causes of pancreatitis – free papers
09:30 – 10:00	Session 20: Clinical controversies: The dilemma of autoimmune pancreatitis
10:00 – 10:30	Coffee break
10:30 – 11:15	Session 21: Clinical challenges: Interventions for acute pancreatitis
11:15 – 12:15	Session 22: Neuroendocrine tumours of the pancreas – free papers
12:15 – 13:00	Session 23: Minisymposium: The Alphabet Soup of Neuro-Endocrine Tumor Therapy
13:00 – 14:00	EPC farewell and lunch
14:00 – 17:00	Arzt-Patienten-Seminar

As of May 2108, all subjects to change.

	Keynote Lectures
	Oral Presentations
	Named State of the Art Lectures
	Satellite Symposia
	Poster Sessions

Named State of the Art Lectures

Henry Lynch Award Lecture



This lecture is named in honour of **Henry T. Lynch**, an American physician noted for his discovery of familial susceptibility to different kinds of cancer, including pancreatic cancer. In 1984 he established the Hereditary Cancer Prevention Clinic at Creighton University in Omaha and the Hereditary Nonpolyposis Colorectal Cancer Syndrome carries his name. The Henry T. Lynch award is the highest honour presented during the International Symposia on Inherited Diseases of the Pancreas.



The Henry Lynch Award lecture (June 13th, 09:10 h) will be given by its 2018 recipient **John P. Neoptolemos**, a British surgeon who currently serves as Professor of Surgery at the University of Heidelberg. Professor Neoptolemos is the initiator and cofounder of the European Registry of Hereditary Pancreatic Diseases (EUROPAC) and of the European Study Group for Pancreatic Cancer (ESPAC). His contributions to the understanding of inherited forms of pancreatic disorders as well as his innovations in adjuvant pancreatic cancer therapy are internationally outstanding and have changed many patients' lives.

Rudi Ammann Memorial State of the Art Lecture



This lecture is named in honour of **Rudolf W. Ammann** (1926–2015), a Swiss gastroenterologist and emeritus Professor at the University of Zurich. His research focused on methods for detecting pancreatic enzyme insufficiency, he was among the first to discover a connection between chronic pancreatitis and pancreatic cancer and his long-term study on the natural history of chronic pancreatitis, involving 245 patients over 20 years, are a citation classics. Rudi Ammann was EPC president in 1978 and recipient of the Life Time Achievement Award of the European Pancreatic Club.



The Rudi Ammann Memorial State of the Art Lecture (June 14th, 10:30 h) will be given by **Philippe Levy**, a French gastroenterologist, pancreatic-disease-unit director at Hôpital Beaujon and a professor in Paris. His clinical work on the natural history of, and mortality associated with, pancreatic cystic tumours and pseudocysts, the classification of recurrent acute and chronic pancreatitis in epidemiology and guidelines, and his contributions to autoimmune and hereditary pancreatitis set international standards. Professor Levy will be the recipient of the Life Time Achievement Award of the European Pancreatic Club in 2018.

Named State of the Art Lectures

The Harald Goebell Memorial State of the Art Lecture

This lecture is named in honour of **Harald Goebell** (1932–2017), a German gastroenterologist and emeritus professor at the University of Essen. A focus of Harald Goebell's research was the interplay between intestinal and pancreatic function, long since continued by his mentees Peter Layer and Manfred Singer. In 1979 he completed the first randomized controlled clinical trial for the treatment of pancreatitis (salmon-derived calcitonin). Harald Goebell was EPC president in 1982.



The Harald Goebell Memorial State of the Art Lecture (June 15th, 11:00 h) will be given by **Hein Gooszen**, a Dutch surgeon and professor emeritus at St. Radboud University in Nijmegen. He was instrumental in the foundation and funding of the Pancreatitis Werkgroep Nederland (the Dutch Pancreatitis Study Group) and largely responsible for its transparent grassroots governance, the motivation of its members, its international excellence and the mentoring of many young physician/surgeon scientists within its PhD program. Most of the recent advances in the treatment of severe acute pancreatitis are based on studies from the Dutch Pancreatitis Study Group.



The Henri Sarles Memorial State of the Art Lecture

This lecture is named in honour of **Henri Sarles** (1922–2017), a French physician and emeritus professor at the Université de Marseille, who was one of the founding fathers of Pancreatology in Europe and of the European Pancreatic Club. He was a pioneer in the exploration of the pathogenesis of chronic pancreatitis, the mechanisms involved in the formation of pancreatic stones and calcifications and the discovery of a possible autoimmune pathology. Henri Sarles is the only person who served twice as EPC president: in 1967 and 1987.



The Henri Sarles Memorial State of the Art Lecture (June 15th, 15:40 h) will be given by **Ashok K. Saluja** an American biochemist and professor at the University of Miami. He belongs to an elite group of scientists whose achievements are equally split between work on pancreatitis and pancreatic cancer. In the former area his group has elucidated the pathophysiology of pancreatitis, specifically the disease-driving mechanisms related to intrapancreatic protease activation. In the latter field he has discovered one of the most promising treatment targets for pancreatic cancer, that of heat-shock-protein 70 inhibition, which is currently being investigated in phase two clinical trials.



Scientific Programme

Wednesday, 13th June 2018

10th International Symposium on Inherited Diseases of the Pancreas

Plenary Room

08:25–08:30 Opening Remarks

Chair: Markus Lerch, Greifswald, Germany
David Whitcomb, Pittsburgh, United States
F. Ulrich Weiss, Greifswald, Germany

Plenary Room

08:30–09:10 Session 1: The genetics of pancreatic disorders

Chair: Markus Lerch, Greifswald, Germany
David Whitcomb, Pittsburgh, United States
F. Ulrich Weiss, Greifswald, Germany

08:30–08:50 Phenotypes and genotypes that predispose to pancreatic cancer
Suresh Chari, Rochester, United States

08:50–09:10 Molecular genetic alterations in pancreatic cancer
Thomas Seufferlein, Ulm, Germany

Plenary Room

09:10–09:30 Inherited pancreatic cancer syndromes – the Henry Lynch Award lecture

John P. Neoptolemos, Heidelberg, Germany

09:30 – 10:20 Satellite Symposium: Inherited Disorders of Lipid Metabolism and Pancreatitis – Page 148

Plenary Room

10:20–11:00 Session 2: A fresh view on the role of Trypsin mutations and Trypsin in pancreatitis

Chair: Gabor Varga, Budapest, Hungary
Karianne Fjeld, Bergen, Norway

10:20–10:40 Positive evidence for its involvement in the disease onset
Miklos Sahin-Toth, Boston, United States

10:40–11:00 Negative evidence for its involvement in the disease onset
Ashok Saluja, Miami, United States

Scientific Programme

Wednesday, 13th June 2018

10th International Symposium on Inherited Diseases of the Pancreas

Plenary Room

- 11:00–12:40 Session 3: High throughput sequencing approaches and gene environment interactions**
- Chair: Karianne Fjeld, Bergen, Norway
Gabor Varga, Budapest, Hungary
- 11:00–11:20 Gene-Gene and Gene-environment interactions in pancreatitis**
David Whitcomb, Pittsburgh, United States
- 11:20–11:40 The potential of next generation sequencing consortia for the diagnosis of rare disease**
Peter Bauer, Rostock, Germany
- 11:40–12:00 PNLIP mutations in chronic pancreatitis**
Heiko Witt, Munich, Germany
- 12:00–12:20 Next generation sequencing to investigate pancreatitis in Japan**
Atusushi Masamune, Sendai, Japan
- 12:20–12:40 Pancreatic phenotypes and genotypes in India**
Pramod Gargh, New Delhi, India

12:50–13:45 Satellite Symposium: The chase for disease genes – from linkage to high throughput – Page 148

Plenary Room

- 14:00–15:20 Session 4: Genome wide analysis approaches**
- Chair: Alexander Kleger, Ulm, Germany
Vinciane Rebours, Clichy, France
- 14:00–14:20 The potential of genome wide analysis studies for elucidating pancreatitis**
Jonas Rosendahl, Halle, Germany
- 14:20–14:40 The potential of genome wide analysis studies for elucidating alcohol related diseases**
F. Ulrich Weiss, Greifswald, Germany
- 14:40–15:00 SPINK1 mutations and haplotype variations in pancreatitis**
William Greenhalf, Liverpool, United Kingdom
- 15:00–15:20 The role of CFTR and CFTR mutations in pancreatic disorders**
Peter Hegyi, Pécs, Hungary

Scientific Programme

Wednesday, 13th June 2018

10th International Symposium on Inherited Diseases of the Pancreas

Plenary Room

- 16:00–16:40 Session 5: Disease causes and disease modifiers**
- Chair: Joachim Mössner, Leipzig, Germany
Grzegorz Oracz, Warsaw, Poland
- 16:00–16:20 Genetic changes in children with pancreatitis**
Maisam Abu-El-Haija, Cincinnati, United States
- 16:20–16:40 Variants of the carboxyl-ester lipase (CEL) gene in pancreatic disease**
Anders Molven, Bergen, Norway

Plenary Room

- 16:40–18:30 Session 6: Update on the current guideline for genetic disorders of the pancreas**
- Guideline
Moderators: Markus Lerch, Greifswald, Germany
David Whitcomb, Pittsburg, United States
William Greenhalf, Liverpool, United Kingdom
Petr Dítě, Olomouc, Czech Republic
- 16:40–18:00 Update on the current guideline for genetic disorders of the pancreas**
Julia Mayerle, Munich, Germany

Keynote Lecture

Plenary Room

08:00–08:10

Welcome and Opening of EPC meeting

Markus Lerch, Greifswald, Germany

Oral Presentations – free papers

Plenary Room

08:10–09:00

Session 1: IPMN and cystic lesions of the pancreas

Chair:

Marco Bruno, Rotterdam, Netherlands

Helmut Friess, Munich, Germany

08:10–08:20

O-01 Pancreatic cyst surveillance imposes low psychological burden: preliminary results of the PACYFIC study

Kasper Overbeek¹, Anne Kamps¹, Priscilla Van Riet¹, Mariacristina Di Marco², Giulia Zerboni³, Jeanin Van Hooft⁴, Silvia Carrara⁵, Claudio Ricci², Tamas Gonda⁶, Erik Schoon⁷, Marcin Polkowski⁸, Georg Beyer⁹, Pieter Honkoop¹⁰, Laurens Van der Waaij¹¹, Riccardo Casadei¹², Gabriele Capurso³, Marco Bruno¹, Eveline Bleiker¹², Djuna Cahen¹

¹Erasmus University Medical Center Rotterdam, Department of Gastroenterology & Hepatology, Netherlands, ²Alma Mater Studiorum-University of Bologna, Department of Medical Science and Surgery, Italy, ³Sant'Andrea Hospital, Sapienza University of Rome, Digestive and Liver Disease Unit, Italy, ⁴Academic Medical Center, Department of Gastroenterology & Hepatology, Netherlands, ⁵Humanitas Research Hospital, Department of Gastroenterology, Digestive Endoscopy Unit, Italy, ⁶Columbia University Medical Center, Division of Digestive and Liver Diseases, United States, ⁷Catharina Hospital, Department of Gastroenterology & Hepatology, Netherlands, ⁸The M. Skłodowska-Curie Memorial Cancer Centre, Department of Gastroenterological Oncology, Poland, ⁹University Hospital, Ludwig-Maximilians-University, Department of Medicine 2, Germany, ¹⁰Albert Schweitzer Hospital, Department of Gastroenterology, Netherlands, ¹¹Martini Hospital, Department of Gastroenterology & Hepatology, Netherlands, ¹²The Netherlands Cancer Institute, Division of Psychosocial Research and Epidemiology & Family Cancer Clinic, Netherlands

08:20–08:30

O-02 The natural history of Intraductal Papillary Mucinous Neoplasms of the Pancreas: reappraisal of the indolent precursor of pancreatic cancer

Giovanni Marchegiani, Stefano Andrianello, Tommaso Pollini, Andrea Caravati, Marco Biancotto, Giuseppe Malleo, Claudio Bassi, Roberto Salvia
Verona University, Surgery, Italy

08:30–08:40

O-03 Risk score for early prediction of invasive cancer of BD-IPMN according to morphological characterization in EUS in patients who underwent to pancreatic surgery

Laura Uribarri-Gonzalez^{1,2}, Enrique Perez-Cuadrado Robles³, Soraya López-López², Jose Lariño-Noia¹, Emma Martinez-Moneo⁴, Julio Iglesias-García¹, Federico Bolado-Concejo², J. Enrique Dominguez-Muñoz¹, Juan J. Vila-Costas²

¹University Hospital of Santiago de Compostela, Department of Gastroenterology, Spain, ²Hospital Complex of Navarra, Department of Gastroenterology, Spain, ³Cliniques Universitaires Saint-Luc, Department of Gastroenterology, Belgium, ⁴Cruces University Hospital, Department of Gastroenterology, Spain

Scientific Programme

Thursday, 14th June 2018

- 08:40–08:50 O-04 **Main pancreatic duct involvement in IPMN without enhancing mural nodule: Low-Risk of Malignancy in duct diameter of less than 10 mm and segmental involvement of dilatation: national wide multicenter study in Korea**
Tae Hyeon Kim¹, Myung Hwan Kim², Jong Ho Moon³, Seung Ok Lee⁴, Chang Hwan Park⁵, Tae Jun Song², Yun Jung Yang⁶
¹Wonkwang University College of Medicine, Gastroenterology, South Korea, ²Asan Medical Center, University of Ulsan College of Medicine, Gastroenterology, South Korea, ³Soon Chun Hyang University School of Medicine, Internal Medicine, South Korea, ⁴Chonbuk National University Medical School, Internal Medicine, South Korea, ⁵Chonnam University College of Medicine, Internal Medicine, South Korea, ⁶Catholic Kwandong University International St. Mary's Hospital, Institute for Integrative Medicine, South Korea
- 08:50–09:00 O-05 **Molecular characterization of early precursor lesions of pancreatic ductal adenocarcinoma**
Lisa Frohn, Lena Häberle, Wolfgang Göring, Matthias Wirth, Irene Esposito
Institute of Pathology, Düsseldorf, Germany

Clinical controversies

Plenary Room

09:00–10:00 Session 2: Cystic lesions of the pancreas – ignorance, neglect or overtreatment?

Expert panel:
Djuna Cahen, Rotterdam, Netherlands
Jens Werner, Munich, Germany
Kyoichi Takaori, Kyoto, Japan

09:00–09:15 **Who is who on imaging of cystic pancreatic lesions**
Marco Del Chiaro, Stockholm, Sweden

09:15–09:30 **Who is who on histology of cystic pancreatic lesions**
Caroline Sophie Verbeke, Oslo, Norway

09:30–09:45 **Many IPMN should undergo surgery**
Markus Büchler, Heidelberg, Germany

09:45–10:00 **Most IPMN should be watched and left alone**
Roberto Salvia, Verona, Italy

Named state of the art lecture

Plenary Room

10:30–10:50 Session 3: Rudi Ammann memorial state of the art lecture

Chair:
Joachim Mössner, Leipzig, Germany
Grazyna Rydzewska, Warsaw, Poland

10:30–10:50 **Cystic pancreatic tumors: what is the goal? To prevent cancer or to prevent surgical complications?**
Philippe Levy, Clichy, France

Oral Presentations – free papers

Plenary Room

10:50–11:50

Session 4: Surgical issues of pancreatic tumor resection

Chair:

Thilo Hackert, Heidelberg, Germany

Dejan Radenkovic, Belgrade, Serbia

10:50–11:00 O-06

Preoperative biliary stenting is associated with detrimental perioperative morbidity – a propensity matched analysis of over 900 patients from the German pancreas registry

Louisa Bolm¹, Ekaterina Petrova¹, Lukas Woehrmann¹, Jens Werner², Waldemar Uhl³, Natascha Nuessler⁴, Michael Ghadimi⁵, Dirk Bausch¹, Hryhoriy Lapshyn¹, Jochen Gaedcke⁵, Orlin Belyaev³, Jan G. D'Haese², Thomas Klier⁴, Tobias Keck¹, Ulrich F. Wellner¹, German DGAV-StuDoQ Pancreas Study Group

¹University Medical Center Schleswig-Holstein, Campus Luebeck, Department of Surgery, Germany, ²Ludwig-Maximilians University Munich, Department of General, Visceral and Transplantation Surgery, Germany, ³St. Josef Hospital, Ruhr University Bochum, Department of Surgery, Germany, ⁴Municipal Hospital Munich, Department of Surgery, Germany, ⁵University Medical Center Göttingen, Department of General, Visceral and Pediatric Surgery, Germany

11:00–11:10

O-08

Preoperative prediction of postoperative survival with a novel prognostic score in potentially resectable pancreatic cancer.

Oliver Strobel, Thomas Hank, Ulf Hinz, Thomas Reiner, Anna-Katharina König, Willem Niesen, Jörg Kaiser, Thilo Hackert, Markus Büchler

Heidelberg University Hospital, General, Visceral and Transplantation Surgery, Germany

11:10–11:20

O-09

Characteristics Of Postoperative Pancreatic Fistula On CT Scan: A Multicenter Cohort Study F

Jasmijn Smits¹, Coert Kok¹, Casper van Eijck², Thomas Bollen³, Frank Wessels¹, Bas Groot Koerkamp², Olivier Busch⁴, Marc Besselink⁴, Hjalmar van Santvoort^{1,3}, Quintus Molenaar^{1,3}, Dutch Pancreatic Cancer Group

¹University Medical Center Utrecht, Netherlands, ²Erasmus MC, Netherlands, ³St. Antonius Ziekenhuis Nieuwegein, Netherlands, ⁴Academisch Medisch Centrum (AMC), Netherlands

11:20–11:30

O-10

Neo-adjuvant treatment for borderline and locally advanced pancreatic cancer: a single institution experience

Elena Rangelova, Agnes Wefer, Saga Persson, Roberto Valente, Ralf Segersvärd, Urban Arnelo, Marco Del Chiaro

Karolinska University Hospital, Stockholm, Upper GI Cancer, CLINTEC, Sweden

11:30–11:40

O-11

Billroth II or Roux-en-Y reconstruction for gastrojejunostomy after pancreaticoduodenectomy. Randomized controlled trial (PAUDA TRIAL)

Juli Busquets¹, Silvia Martin², Lluís Secanella¹, Núria Peláez¹, Emilio Ramos¹, Juan Fabregat¹

¹Hospital Universitari de Bellvitge, HBP Surgery and Liver Transplantation, L'Hospitalet de Llobregat, Spain, ²Hospital de Viladecans, General Surgery, Spain

Scientific Programme

Thursday, 14th June 2018

- 11:40–11:50 O-12 Laparoscopic versus Open Pancreatoduodenectomy (LEOPARD-2): a Multicenter Patient-Blinded, Randomized Controlled Trial
Jony van Hilst¹, Thijs de Rooij¹, Koop Bosscha², David Brinkman³, Susan van Dieren¹, Marcel Dijkgraaf¹, Michael Gerhards⁴, Ignace de Hingh³, Tom Karsten⁴, Daan Lips^{2,5}, Misha Luyer³, Olivier Busch¹, Sebastiaan Festen⁴, Marc Besselink¹
¹Academic Medical Center, Surgery, Netherlands, ²Jeroen Bosch Hospital, Netherlands, ³Catharina Hospital, Netherlands, ⁴OLVG, Netherlands, ⁵Medisch Spectrum Twente, Surgery, Netherlands

European Pancreatic Studies Conference

Salon 3

11:00–12:45 EUROPAC & ESPAC Meeting

- 11:00–11:45 EUROPAC Meeting
11:00–11:20 Report the current status on EUROPAC 2
Eckard Weber, Greifswald, Germany
- 11:20–11:45 The EUROPAC Register
Bill Greenhal, Liverpool, United Kingdom
Andrea Sheel, Liverpool, United Kingdom
- 11:45–12:45 ESPAC Meeting
11:45–11:55 Update ESPAC trials (including ACELARATE)
Paula Ghaneh, Liverpool, United Kingdom
- 11:55–12:05 Trial proposals/updates
Helmut Friess, Munich, Germany
- 12:05–12:15 Trial proposals/updates
Julia Mayerle, Munich, Germany
- 12:15–12:25 Translational Research, ESPACT, current and future status
Eithne Costello, Liverpool, United Kingdom
- 12:25–12:35 Liverpool- Heidelberg genomics of ESPAC samples
John Neoptolemos, Heidelberg, Germany
- 12:35–12:45 Discussion for ESPAC-6 (JPN 2 minute presentation on possible adjuvant trial with S1-Gem)

Oral Presentations – free papers

Plenary Room

12:00–13:00 Session 5: Pancreatic Cancer: predispositions and diagnostic advances

- Chair: Nuria Malats, Madrid, Spain
Guido Eibl, Los Angeles, United States
- 12:00–12:10 O-13 Type 2 diabetes mellitus and pancreatic cancer risk. An independent etiological relation?
Esther Molina-Montes, Paulina Gómez-Rubio, Núria Malats,
on behalf of the PanGenEU Study investigators Spanish National Cancer Research Center (CNIO), Spain

- 12:10–12:20 O-14 **Exposure to cadmium is a risk factor for pancreatic cancer development: three lines of evidence**
Aleksandra Buha¹, Vesna Matovic¹, Milena Andjelkovic¹, David Wallace², Amie Schweitzer², Novica Boricic³, Stefan Knezic⁴, Dejan Radenkovic⁴, Vladimir Djordjevic⁴
¹University of Belgrade-Faculty of Pharmacy, Department of Toxicology "Akademik Danilo Soldatović", Serbia, ²Oklahoma State University Center for Health Sciences, Department of Pharmacology & Toxicology, United States, ³School of Medicine, University of Belgrade, Department of Pathology, Serbia, ⁴Clinical Center of Serbia, First Surgical Clinic, Serbia
- 12:20–12:30 O-15 **Novel pancreatic cancer susceptibility loci discovered through genome-wide association studies**
Federico Canzian¹, Daniele Campa², Ofure Obazee¹, Cosmeri Rizzato², Maria Gazouli³, Giulia Martina Cavestro⁴, Aldo Scarpa⁵, Stefania Moz⁶, Raffaele Pezzilli⁷, Andrea Mambrini⁸, Ugo Boggi⁹, Gabriele Capurso¹⁰, Livia Archibugi¹⁰, Franco Bambi¹¹, Angelo Andriulli¹², Pavel Soucek¹³, Pavel Vodicka¹⁴, Beatrice Mohelnikova-Duchonova^{15, 16}, Martin Lovecek¹⁵, Thilo Hackert¹⁷, John P. Neoptolemos¹⁷, Oliver Strobel¹⁷, Yogesh K. Vashist^{18, 19}, Jakob R. Izbicki¹⁸, Rudolf Kaaks¹, Hermann Brenner¹, Peter Hegyi^{20, 21, 22}, Olivier Busch²³, H. Bas Bueno-de-Mesquita²⁴, Petra H. M. Peeters²⁵, Ewa Malecka-Panas²⁶, Krzysztof Jamrozik²⁶, Juozas Kupcinskas²⁷, Eithne Costello²⁸, Kay-Tee Khaw²⁹, Timothy J. Key³⁰, PanScan Consortium, PanC4 Consortium, Rachael Stolzenberg-Solomon³¹, Brian Wolpin³², Alison P. Klein³³, Laufey T. Amundadottir³¹
¹German Cancer Research Center (DKFZ), Germany, ²University of Pisa, Italy, ³National And Kapodistrian University of Athens, Greece, ⁴IRCCS San Raffaele Scientific Institute, Italy, ⁵University and Hospital Trust of Verona, Italy, ⁶University of Padova, Italy, ⁷Sant'Orsola-Malpighi Hospital, Italy, ⁸Azienda USL Toscana Nord Ovest, Italy, ⁹Pisa University Hospital, Italy, ¹⁰Sapienza University, Italy, ¹¹Azienda Ospedaliero Universitaria Meyer, Italy, ¹²IRCCS Scientific Institute and Regional General Hospital "Casa Sollievo della Sofferenza", Italy, ¹³Charles University, Czech Republic, ¹⁴Czech Academy of Science, Czech Republic, ¹⁵Palacky University, Czech Republic, ¹⁶National Institute of Public Health, Czech Republic, ¹⁷Heidelberg University Hospital, Germany, ¹⁸University Medical Center Hamburg-Eppendorf, Germany, ¹⁹Kantonsspital Aarau AG, Switzerland, ²⁰University of Szeged, Hungary, ²¹University of Pécs, Hungary, ²²MTA-SZTE Translational Gastroenterology Research Group, Hungary, ²³Academic Medical Centre, Netherlands, ²⁴National Institute for Public Health and the Environment (RIVM), Netherlands, ²⁵University Medical Center Utrecht, Netherlands, ²⁶Medical University of Lodz, Poland, ²⁷Lithuanian University of Health Sciences, Lithuania, ²⁸University of Liverpool, United Kingdom, ²⁹University of Cambridge, United Kingdom, ³⁰University of Oxford, United Kingdom, ³¹National Cancer Institute, United States, ³²Dana Farber Cancer Institute, United States, ³³Johns Hopkins School of Medicine, United States

Scientific Programme

Thursday, 14th June 2018

12:30–12:40 O-16 **Novel metabolic targeted LC-MS/MS assay to differentiate pancreatic cancer from chronic pancreatitis in plasma**

Julia Mayerle¹, Holger Kalthoff², Beate Kamlage³, **Gordian Adam**³, Nicole Christiansen³, Philipp Schatz^{3,4}, Tim Fahlbusch⁵, Bianca Bethan³, Silke Schulze Pellengahr³, Solveigh Krusekopf³, Ansgar Chromik⁶, Fritz Klein⁷, Marcus Bahra⁷, Marius Distler⁸, Christian Pilarsky⁹, Robert Grützmann⁹, Waldemar Uhl⁵, Markus M. Lerch¹⁰

¹Klinikum der LMU Munich-Grosshadern, Medizinische Klinik und Poliklinik II, Germany,

²Institute for Experimental Cancer Research (IET), Section for Molecular Oncology, UKSH, Campus Kiel, Germany, ³Metanomics Health GmbH, Germany, ⁴AstraZeneca, Precision Medicine Unit, Precision Medicine and Genomics, IMED Biotech Unit, Sweden, ⁵Ruhr-University Bochum, St. Josef Hospital, Department of Surgery, Germany, ⁶Asklepios Klinikum Harburg, Abteilung für Allgemein- und Viszeralchirurgie, Germany, ⁷Charité-Universitätsmedizin Berlin, Chirurgische Klinik, Campus Charité Mitte I Campus Virchow-Klinikum, Germany, ⁸University Hospital Carl Gustav Carus, TU Dresden, Department of General, Thoracic and Vascular Surgery, Germany, ⁹University Hospital, Department of Surgery, Greifswald, Germany, ¹⁰Ernst-Moritz-Arndt-University, Department of Medicine A, University Medicine, Germany

12:40–12:50 O-17 **Comparative analysis of Circulating Tumour Cells detection and circulating tumor DNA in liquid biopsy for the diagnosis of early stage pancreatic adenocarcinoma.**

Etienne Buscail^{1,2,3}, Charline Caumont⁴, Catherine Alix-Panabières⁵, Pascaline Quincy², Marion Marty⁶, Jean-Philippe Merlio⁴, Aurelie Bedel⁷, François Moreau-Gaudry⁷, Veronique Vendrely⁷, Christophe Laurent², Laurence Chiche², Sandrine Dabernat⁷

¹CHU Bordeaux, Pancreatic and hepatobiliary surgery, France, ²CHU Bordeaux/Bordeaux University, Chirurgie hepato-bilio-pancreatique, France, ³CHU Bordeaux, France, ⁴CHU Bordeaux, Service de Biologie des Tumeurs, France, ⁵CHU Montpellier, Laboratoire des cellules circulantes rares humaines, France, ⁶CHU Bordeaux, Service d'anatomopathologie, France, ⁷CHU Bordeaux/Bordeaux University, INSERM 1035, France

12:50–13:00 O-18 **Quantitative CT based radiomics as predictor of local resectability of pancreatic adenocarcinoma**

Joost Van der Putten¹, Sveta Zinger¹, Peter de With¹, Mathias Prokop², **John Hermans**²

¹Eindhoven University of Technology, Electrical Engineering, Video Coding and Architecture Research Group, Netherlands, ²Radboud University Medical Center, Radiology and Nuclear Medicine, Netherlands

13:30–14:30

Satellite Symposium: New evidence in pancreatic exocrine insufficiency –

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Scientific Programme

Thursday, 14th June 2018

Keynote lecture

Plenary Room

14:30–15:10

Session 6: Parallel Tandem Talks for the uninitiated - The basics of pancreatitis

Expert panel:

Johanna Laukkarinen, Tampere, Finland

Hana Algül, Munich, Germany

Ewa Malecka-Panas, Lodz, Poland

14:30–14:50

What clinicians should know about pancreatic physiology?

Matthias Sandler, Greifswald, Germany

14:50–15:10

What basic scientists should understand about clinical pancreatitis?

Asbjorn Drewes, Aalborg, Denmark

Oral Presentations – free papers

Plenary Room

15:10–16:30

Session 7: Progress in experimental pancreatitis

Chair:

Maria Ines Vaccaro, Buenos Aires, Argentina

Madhav Bhatia, Christchurch, New Zealand

15:10–15:20

O-19

VMP1 dependent selective mitophagy and mitochondrial fragmentation are protective cellular mechanisms in pancreatitis

Virginia Vanasco, Alejandro Ropolo, Daniel Grasso, Silvia Alvarez, Maria Ines Vaccaro
University of Buenos Aires - CONICET, School of Pharmacy and Biochemistry, Institute of Biochemistry and Molecular Medicine, Argentina

15:20–15:30

O-20

L-histidine but not other basic amino acid-induced pancreatitis in mice involves inositol trisphosphate receptor signalling and mitochondrial permeability transition

Xiaoying Zhang¹, Linbo Yao², Na Shi², Xinmin Yang², Dan Du³, Tingting Liu², Peter Szatmary¹, Rajarshi Mukherjee¹, Qing Xia², David Criddle⁴, Wei Huang², Michael Chvanov⁴, Alexey Tepikin⁴, Robert Sutton¹

¹Liverpool Pancreatitis Research Group, Institute of Translational Medicine, University of Liverpool, United Kingdom, ²Department of Integrated Traditional and Western Medicine, Sichuan Provincial Pancreatitis Centre, West China Hospital of Sichuan University, China, ³West China-Washington Mitochondria and Metabolism Centre, West China Hospital of Sichuan University, China, ⁴Department of Cellular and Molecular Physiology, Institute of Translational Medicine, University of Liverpool, United Kingdom

15:30–15:40

O-21

Adaptive immune response during acute pancreatitis is regulated by NLRP3 inflammasome activation via Interleukin 18.

Matthias Sandler¹, Cindy van den Brandt¹, Juliane Glaubitz¹, Anika Wilden¹, F. Ulrich Weiss¹, Janine Golchert², Georg Homuth², Lukas Bossaller¹, Julia Mayerle^{1,3}, Markus M. Lerch¹

¹University Medicine Greifswald, Department of Medicine A, Germany, ²University Medicine Greifswald, Interfaculty Institutes for Genetics and Functional Genomics, Germany, ³Klinikum der LMU Munich-Grosshadern, Medizinische Klinik und Poliklinik II, Germany

15:40–15:50

O-22

Reduced expression of mutant trypsinogen delays disease onset in a spontaneous mouse model of pancreatitis

Andrea Geisz, Anna Orekhova, Miklos Sahin-Toth
Boston University, United States

Scientific Programme

Thursday, 14th June 2018

- 15:50–16:00 O-23 **Mast cell stabilizers can serve as „co-analgesics“ in acute and chronic pancreatitis**
Hendrik Steenfadt, Sarah Klauss, Stephan Schorn, Helmut Friess, Gueralp Onur Ceyhan, Ekin Ihsan Demir
Technische Universität Munich, Department of Surgery, Germany
- 16:00–16:10 O-24 **Increased 1-deoxy-sphingolipids in diabetes are cytotoxic for pancreatic acinar cells**
Rong Chen¹, Thorsten Hornemann^{2,3,4}, Yu Wei², Simone Camargo⁵, Rolf Graf^{1,4}, Sabrina Sonda^{1,4}
¹University Hospital of Zurich, Swiss Hepato-Pancreatico-Biliary(HPB) Centre, Division of Surgical Research, Department of Visceral & Transplantation Surgery, Switzerland, ²University Hospital of Zurich, Institute for Clinical Chemistry, Switzerland, ³Competence Centre for Systems Physiology and Metabolic Diseases, Switzerland, ⁴University of Zurich, Centre for Integrative Human Physiology, Switzerland, ⁵University of Zurich,, Institute of Physiology, Switzerland
- 16:10–16:20 O-25 **Mesenchymal Wt1 positive stellate cells represent a source of the fibrotic response in pancreatitis.**
Ivonne Regel¹, Tobias Dreyer², Georg Beyer¹, Steffen Teller², Alexander Wuschek², Simone Hausmann², Simone Benitz¹, Katja Steiger³, Irene Esposito⁴, Julia Mayerle¹, Christoph Michalski⁵, Jörg Kleeff⁵
¹University Hospital, LMU Munich, Department of Medicine 2, Germany, ²Technical University Munich, Department of Surgery, Germany, ³Technical University Munich, Institute of Pathology, Germany, ⁴University Hospital, Heinrich-Heine University, Institute of Pathology, Germany, ⁵Martin-Luther University Halle-Wittenberg, Department of Surgery, Germany

Minisymposium

17:00–17:45

Chair:

Session 8: Big Data Approaches in Pancreatology

Federico Canzian, Heidelberg, Germany
Gordian Adam, Berlin, Germany

17:00–17:15

Metabolomics for disease prediction and screening

Julia Mayerle, Munich, Germany

17:15–17:30

Big data and personalised prevention of PDAC: One step forward

Nuria Malats, Madrid, Spain

17:30–17:45

Large Scale mouse mutagenesis for understanding disease mechanisms

Roland Rad, Munich, Germany

Plenary Room

Scientific Programme

Thursday, 14th June 2018

Oral Presentations – free papers

Plenary Room

- 17:45–18:30 Session 9: Diabetes and the pancreas**
- Chair: Christopher E. Forsmark, Gainesville, United States
Viktoria Venglovecz, Szeged, Hungary
- 17:45–18:00 O-26 **Pancreatogenic Diabetes (T3cDM): An Underestimated Disease**
Philip Hardt, Giessen, Germany
- 18:00–18:10 O-27 **Relationships between adipocytokinemia and antropometric indicators in patients with combined course of type 2 diabetes mellitus and chronic pancreatitis**
Iuliia Shekhovtsova, Larysa Zhuravlyova
Kharkiv national medical university, internal medicine #3, Ukraine
- 18:10–18:20 O-28 **Gene, Environment and Surgical risk of Diabetes Mellitus in Patients with Chronic Pancreatitis from the North American Pancreatitis Study 2 (NAPS2)**
Tanvi Nagpal¹, Melina Bellin², Dhiraj Yadav¹, Phil Greer¹, Mark O. Goodarzi³, David Whitcomb¹,
for the NAPS2 consortium and the NIDDK/NCI Consortium for the Study of Chronic Pancreatitis, Diabetes and Pancreatic Cancer
¹University of Pittsburgh, Medicine, United States, ²University of Minnesota, Medicine, United States, ³Cedars-Sinai Medical Center, Medicine, United States
- 18:20–18:30 O-29 **Incidence and Risk Factor of New-Onset Diabetes After Distal Pancreatectomy**
Matteo De Pastena¹, Alvaro Andres Duarte Garces^{1,2}, Tommaso Pollini¹, Sara Nobile¹, Roberta Piccolo¹, Stefano Andrianello¹, Giovanni Marchegiani¹, Giuseppe Malleo¹, Claudio Bassi¹, Roberto Salvia¹
¹AOUI Verona, General and Pancreatic Surgery, Italy, ²Hospital Pablo Tobon Uribe, Medellin, Departamento Cirugia Hepato Biliar y Pancreatica, Colombia

YOUPIIE Reception for all Pancreas 2000 Alumni

Salon 2

- 18:00–19:00 Vision for the Future and Networking Reception**
- Chair: Enrique de-Madaira, Alicante, Spain
- 18:00–18:15 **Why do we need YOUPIIE?**
Marco del Chiaro, Stockholm, Sweden
- 18:15–18:30 **The future of YOUPIIE, let's build it together**
Enrique de-Madaria, Alicante, Spain
- 18:30–19:00 **Discussion**



Scientific Programme

Friday, 15th June 2018

Keynote lectures

Plenary Room

08:00–08:40

Session 10: Parallel Tandem Talks for the uninitiated - The basics of pancreatic cancer

Chair:

Louis Buscail, Toulouse, France
Roland Schmid, Munich, Germany

08:00–08:20

What clinicians should know about the origin and biology of pancreatic cancer?

Dieter Saur, Munich, Germany

08:20–08:40

Now that mouse pancreatic cancer is cured – what basic scientists need to know about real cancer patients?

Pascal Hammel, Clichy, France

Oral Presentations – free papers

Plenary Room

08:40–09:30

Session 11: Molecular mechanisms of pancreatic cancer

Chair:

Juan Iovanna, Marseille, France
Albrecht Neesse, Göttingen, Germany

08:40–08:50

O30

Depletion of the Gut Microbiota Decreases Pancreatic Cancer Burden by Modulating the Immune System

Vrishketan Sethi, Saba Kurtom, Mohammad Tarique, Shweta Lavania, Zoe Malchiodi, Leonor Hellmund, Bhuwan Giri, Bharti Garg, Sundaram Ramakrishnan, Sulagna Banerjee, Sabita Roy, Ashok Saluja, Vikas Dudeja
University of Miami, United States

08:50–09:00

O-31

Mutant KRAS-driven cancers depend on PTPN11/SHP2 phosphatase

Dietrich Ruess^{1,2}, Guus Heynen³, Katrin Ciecieski¹, Walter Birchmeier³, Roland Schmid¹, Hana Algül¹

¹Klinikum rechts der Isar, Technische Universität Munich, Internal Medicine II, Germany,

²Medical Center – University of Freiburg, Faculty of Medicine, Department of Surgery, Germany, ³Max Delbrück Center for Molecular Medicine (MDC) in the Helmholtz Society, Cancer Research Program, Germany

09:00–09:10

O-32

Impact of cytosolic 5'-nucleotidase 1A on chemotherapeutic resistance in pancreatic cancer

Melanie S. Patzak¹, Elisabeth Hessmann¹, Vijayalakshmi Kari², Julia Kitz³, Shilpa Patil¹, Frances M. Richards⁴, Duncan I. Jodrell⁴, Steven A. Johnsen², Volker Ellenrieder¹, Albrecht Neesse¹

¹University Medical Center Goettingen, Department of Gastroenterology and Gastrointestinal Oncology, Germany, ²University Medical Center Goettingen, Clinic for General, Visceral and Pediatric Surgery, Germany, ³University Medical Center Goettingen, Institute of Pathology, Germany, ⁴University of Cambridge, Cancer Research UK Cambridge Institute, United Kingdom

09:10–09:20

O-33

Reversing pancreatic cancer metastasis through pharmacological targeting of pancreatic stellate cell's dialog with M2 macrophages

Rémi Samain¹, Julia Rochotte¹, Stéphanie Cassant-Sourdy¹, Aurélie Perraud Perraud², Muriel Mathonnet², Herbert Schmid³, Yvan Martineau¹, Stéphane Pyronnet¹, Christine Jean¹, Corinne Bousquet¹

¹INSERM, Cancer Research Center of Toulouse, France, ²University of Limoges, Faculty of Medicine, EA3842, France, ³Novartis Pharmaceuticals, Switzerland

- 09:20–09:30 O-34 **Epigenetic mechanisms drive cellular reprogramming in pancreatic carcinogenesis.**
Simone Benitz¹, Ujjwal M. Mahajan¹, Stefan Czemmel², Sven Nahnsen², Güralp Ceyhan³, Julia Mayerle¹, Christoph W. Michalski⁴, Jörg Kleeff⁴, Ivonne Regel¹
¹University Hospital, Ludwig-Maximilian University of Munich, Department of Internal Medicine II, Germany, ²University of Tuebingen, Quantitative Biology Center, Germany, ³Technical University Munich, Department of Surgery, Germany, ⁴Martin-Luther University Halle-Wittenberg, Department of Surgery, Germany

Clinical Controversies

Plenary Room

09:30–10:30

Session 12: Pancreatic cancer - time for local treatment options?

Expert panel:

Tobias Keck, Kiel, Germany
John Neoptolemos, Heidelberg, Germany
Ceyhan Güralp, Munich, Germany

09:30–09:45

The case FOR local ablative therapy for pancreatic tumors (IRE, RFA)
Claudio Bassi, Verona, Italy

09:45–10:00

The case for endoscopic ablation of pancreatic lesions
Alexander Meining, Ulm, Germany

10:00–10:15

The case AGAINST local ablative therapy of pancreatic tumors
Marc Besselink, Amsterdam, Netherlands

10:15–10:30

Should surgeons treat minimally metastatic pancreatic cancer at all?
Jörg Kleeff, Halle, Germany

Named state of the art lecture

Plenary Room

11:00–11:20

Session 13: Harald Goebell memorial state of the art lecture

Expert panel:

Robert Sutton, Liverpool, United Kingdom
Natalya Gubergrits, Lyman, Ukraine
Michael Feretis, Cambridge, United Kingdom

11:00–11:20

How clinical pancreatitis research should be managed – and what we still need to answer
Hein Gooszen, Nijmegen, Netherlands



Scientific Programme

Friday, 15th June 2018

Oral Presentations – free papers

Plenary Room

11:20–12:00

Session 14: Endoscopy of the pancreas

Chair:

Andrada Seicean, Cluj, Romania

Robert Moran, Baltimore, United States

11:20–11:30 O-35 Chronic use of statins and aminosalicylic acid and incidence of post-ERCP acute pancreatitis. Preliminary data from the STARK study, a prospective international, multicenter, cohort study

Karina Cárdenas Jaén¹, Livia Archibugi², Goran Poropat³, Taija Korpela⁴, Jose R Aparicio¹, Juan A Casellas¹, Emilio Di Giulio², Giuseppe Vanella², Davor Stimac³, Goran Hauser³, Marianne Udd⁴, Leena Kylänpää⁴, Paolo G Arcidiacono⁵, Alberto Mariani⁵, Gabriele Capurso², Enrique de-Madaria¹

¹University General Hospital of Alicante, Institute of Health and Biomedical Research (ISABIAL-FISABIO), Department of Gastroenterology, Spain, ²Hospital Sant Andrea, University of Sapienza, Department of Gastroenterology, Italy, ³University Hospital of Rijeka, Department of Gastroenterology, Croatia, ⁴Central University Hospital of Helsinki, Department of Digestive Surgery, Finland, ⁵Hospital San Raffaele, Department of Gastroenterology, Italy

11:30–11:40 O-36 Diagnostic accuracy of histological samples obtained with a new endoscopic ultrasound (EUS) needle for the evaluation of solid pancreatic tumors

Jose Lariño-Noia^{1,2}, Julio Iglesias-García^{1,2}, Ihab Abdulkader-Nallib³, Daniel De la Iglesia-García^{1,2}, Hector Lazare³, Alexis McKenzie¹, Alicia Granja¹, Raquel Herranz-Perez¹, Elda Rodríguez¹, J Enrique Dominguez-Muñoz^{1,2}

¹University Hospital of Santiago de Compostela, Gastroenterology, Spain, ²Health Research Institute of Santiago de Compostela (IDIS), Digestive Diseases Research Group, Spain, ³University Hospital of Santiago de Compostela, Pathology, Spain

11:40–11:50 O-37 Endoscopic intervention for pancreatic fluid collections has better outcomes than percutaneous or surgical drainage- a meta-analysis

Lajos Szakó¹, Péter Mátrai², Péter Hegyi¹, Bálint Erőss¹, Zsolt Szakács¹, Katalin Márta¹, Dániel Pécsi¹, Áron Vincze³

¹University of Pécs, Institute of Translational Medicine, Hungary, ²University of Pécs, Institute of Bioanalysis, Hungary, ³University of Pécs, First Department of Medicine, Hungary

11:50–12:00 O-38 An endoscopic approach for pancreatic necrosis may reduce length of stay compared to minimal access surgery

Rebecca Saunders¹, Jayapal Ramesh¹, Rebecca Griffin², Rebekah McCready¹, Faye Hughes¹, Jonathan Evans¹, Vincent Yip¹, Michael Raraty¹, Paula Ghaneh¹, Robert Sutton¹, John P Neoptolemos³, Christopher Halloran¹

¹Royal Liverpool University Hospital, United Kingdom, ²University of Liverpool, Medical Statistics, United Kingdom, ³University of Heidelberg, Germany

Minisymposium

Plenary Room

12:00–13:00

Session 15: Tumor microenvironment – does it favor tumor survival or patient survival?

Chair:

Thomas Gress, Marburg, Germany
Ashok Saluja, Miami, United States

12:00–12:15

The tumor cells in the tumor microenvironment

Francico X. Real, Madrid, Spain

12:15–12:30

The role of pancreatic fibroblasts in pancreatic cancer

Corinne Bousquet, Toulouse, France

12:30–12:45

Therapeutic strategies targeting pancreatic tumor stroma

Albrecht Neesse, Göttingen, Germany

12:45–12:55 O-39

Disease associated fibroblasts from various pancreatic disorders exhibit subtype specific genetic profile.

Lawrence Barrera¹, Anthony Evans², Brian Lane¹, Sarah Brumskill¹, Frances Oldfield¹, Fioana Campbell¹, Timothy Andrews¹, Pedro Perez-Mancera², Triantafillos Liloglou², Phoebe Phillips³, Christopher Halloran², William Greenhalf², John P Neoptolemos⁴, Eithne Costello²

¹University of Liverpool, Department of Pathology, Royal Liverpool University Hospital, United Kingdom, ²University of Liverpool, Department of Clinical Cancer Medicine, United Kingdom,

³The University of New South Wales, Australia, ⁴University of Heidelberg, Department of General, Visceral and Transplantation Surgery, Germany

13:00–14:00

Satellite Symposium: Pancreatic Cancer – Standards and new Horizons – Page 150

Oral Presentations – free papers

Plenary Room

14:30–15:40

Session 16: Acute pancreatitis: Risk, severity and treatment

Chair:

Ali Aghdassi, Greifswald, Germany
László Czákó, Szeged, Hungary

14:30–14:40 O-41

The diagnostic criteria and clinical significance of hypertriglyceridaemia acute pancreatitis

Ruwen Zhang¹, Lihui Deng¹, Tao Jin¹, Kun Jiang¹, Na Shi¹, Lan Li¹, Xiaoxin Zhang¹, Wenhao Cai¹, Linbo Yao¹, Xinmin Yang¹, Ping Zhu², Jia Guo¹, Xiaonan Yang¹, Vikesh Singh³, John Windsor⁴, Robert Sutton⁵, Wei Huang¹, Qing Xia¹, Ruwen Zhang¹

¹West China Medical School/West China Hospital, Sichuan University, Department of Integrated Traditional Chinese and Western Medicine, China, ²West China School of Public Health, Sichuan University, Department of Epidemiology and Biostatistics, China, ³Division of Gastroenterology, Johns Hopkins Medical Institutions, Pancreatitis Centre, United States, ⁴University of Auckland, Department of Surgery, New Zealand, ⁵Institute of Translational Medicine, University of Liverpool, Liverpool Pancreatitis Research Group, United Kingdom



Scientific Programme

Friday, 15th June 2018

- 14:40–14:50 O-42 **Should we redefine the moderately-severe category of acute pancreatitis?**
Federico Bolado¹, Alfonso Elosua¹, Maria Rullan¹, Francia C. Díaz-Jaime², Emma Martínez-Moneo³, Cristina Gil García-Ollauri³, Enrique de-Madaria⁴, Lluís Oms⁵, Carlos Prieto¹
¹Complejo Hospitalario de Navarra, Gastroenterology, Spain, ²Hospital Universitari i Politècnic La Fe, Gastroenterology, Spain, ³Hospital Universitario Cruces, Gastroenterology, Spain, ⁴Hospital General de Alicante, Gastroenterology, Spain, ⁵Consorci Sanitari Terrassa, Gastroenterology, Spain
- 15:50–15:00 O-43 **Prognosis and Early Diagnosis of Local and Systemic Infected Complications of Acute Necrotizing Pancreatitis**
Oleksandr Rotar¹, Igor Khomiak², Mikhail Nazarchuk³, Vasyi Rotar¹, Andrii Khomiak²
¹Bukovinian State Medical University, General Surgery, Ukraine, ²O.O. Shalimov National Institute of Surgery and Transplantology, Department of Pancreas Surgery and Bile Ducts Reconstruction Surgery, Ukraine, ³5th City Hospital, Belarus
- 15:00–15:10 O-44 **Predictive biomarkers of pancreatic necrosis in acute pancreatitis**
Szabolcs Kiss¹, Ferenc Izbéki², Adrienn Halász², Márta Varga³, Áron Vincze⁴, Gódi Szilárd⁵, Judit Bajor⁴, Roland Hágendorn⁶, József Czimmer⁴, Péter Mátrai⁷, József Hamvas⁸, Péter Varjú⁷, Stefan Crai⁹, Artautas Mickevicius¹⁰, Árpád Patai¹¹, Miklós Ihász¹¹, Tamás Takács¹, Andrea Szentesi^{1,7}, Andrea Párnitzky^{7,12}, Péter Hegyi^{1,5,7,13}, on behalf of the Hungarian Pancreatic Study Group
¹University of Szeged, First Department of Medicine, Hungary, ²Szent György University Teaching Hospital of Fejér County, Hungary, ³Dr. Réthy Pál Hospital, Hungary, ⁴Division of Gastroenterology, First Department of Medicine, University of Pécs, Hungary, ⁵Division of Translational Medicine, First Department of Medicine, University of Pécs, Hungary, ⁶First Department of Medicine, University of Pécs, Hungary, ⁷Institute for Translational Medicine, University of Pécs, Hungary, ⁸Bajcsy-Zsilinszky Hospital, Hungary, ⁹Pándy Kálmán Hospital of Békés County, Hungary, ¹⁰Vilnius University Hospital Santariskiu Klinikos, Lithuania, ¹¹Markusovszky University Teaching Hospital, Hungary, ¹²Heim Pál Children's Hospital, Hungary, ¹³Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary
- 15:10–15:20 O-45 **Single Incision Laparoscopic Surgery Flank Necrosectomy: a novel approach to extra-pancreatic walled off necrosis**
Rebecca Saunders¹, Jonathan Evans¹, Rebekah McCready¹, Faye Hughes¹, Michael Raraty¹, Vincent Yip¹, Paula Ghaneh¹, Robert Sutton¹, John P Neoptolemos², Christopher Halloran¹
¹Royal Liverpool University Hospital, United Kingdom, ²University of Heidelberg, Germany
- 15:20–15:30 O-46 **Incidence and Risk Factors of Post-Endoscopic Retrograde Cholangiography Pancreatitis (PEP) according to the Type of Prophylaxis used over Time**
Romina Ureña-Campos¹, Nadia Magallanes-Pelaez¹, Antia Alvarez-Perez¹, Daniel De la Iglesia-García^{1,2}, Jose Lariño-Noia^{1,2}, Jose Iglesias-Canle^{1,2}, Julio Iglesias-García^{1,2}, J Enrique Dominguez-Muñoz^{1,2}
¹University Hospital of Santiago de Compostela, Gastroenterology, Spain, ²Health Research Institute of Santiago de Compostela (IDIS), Digestive Diseases Research Group, Spain

Named state of the art lecture

Plenary Room

- 15:40–16:00** **Session 17: Henri Sarles memorial state of the art lecture**
- Expert panel: József Maléth, Szeged, Hungary
 Rolf Graf, Zürich, Switzerland
 Markus Lerch, Greifswald, Germany
- 15:40–16:00** **What have we achieved in 50 years of cell biology of the pancreas**
 Ashok Saluja, Miami, United States

Oral Presentations – free papers

Plenary Room

- 16:00–17:00** **Session 18: Chronic pancreatitis in adults and children**
- Chair: Maisam Abu-El-Haija, Cincinnati, United States
 Andrea Párnicky, Pécs, Hungary
- 16:00–16:10** **O-47 Effect of pancreatic exocrine and endocrine insufficiency in cardiovascular events in patients with chronic pancreatitis (CP). A prospective cohort study**
 Daniel De la Iglesia-García^{1,2}, Nicolau Vallejo-Sendra^{1,3}, Andrea Lopez-Lopez^{4,5}, Guillermo Prada-Ramallal¹, Julio Iglesias-García^{1,2}, Jose Lariño-Noia^{1,2}, Laura Nieto-García³, J Enrique Dominguez-Muñoz^{1,2}
 ¹University Hospital of Santiago de Compostela, Gastroenterology, Spain, ²Health Research Institute of Santiago de Compostela (IDIS), Digestive Diseases Research Group, Spain, ³Health Research Institute of Santiago (IDIS), Gastroenterology, Spain, ⁴University Hospital of Santiago, Cardiology, Spain, ⁵Health Research Institute of Santiago (IDIS), Spain
- 16:10–16:20** **O-48 The Different Course of Alcoholic and Idiopathic Chronic Pancreatitis: A Long-Term Study of 2,037 Patients**
 Lu Hao¹, Yu Liu¹, Xiang-Peng Zeng¹, Dan Wang¹, Zhuan Liao^{1,2}, Zhao-Shen Li^{1,2}, Liang-Hao Hu^{1,2}
 ¹Changhai Hospital, Department of Gastroenterology, China, ²Changhai Hospital, Digestive Endoscopy Center, China
- 16:20–16:30** **O-49 Chronic pancreatitis is characterized by distinct complication clusters that associates with aetiological risk-factors**
 Søren Schou Olesen¹, Camilla Nøjgaard², Stephan L. Haas³, Miroslav Vujasinovic³, Matthias Löhr³, Asbjørn M. Drewes⁴
 ¹Aalborg University Hospital, Centre for Pancreatic Diseases, Department of Gastroenterology and Hepatology, Denmark, ²Hvidovre University Hospital, Denmark, ³Karolinska University Hospital, Sweden, ⁴Aalborg University Hospital, Centre for Pancreatic Diseases, Department of Gastroenterology and Hepatology, Denmark



Scientific Programme

Friday, 15th June 2018

16:30–16:40 O-50 The first definition for early chronic pancreatitis

Péter Hegyi Jr^{1,2}, Bálint Erőss¹, Péter Mátrai¹, József Hamvas³, Dániel Pécsi¹, Balázs Németh⁴, Anita Illés⁵, Judit Bajor⁵, György Kovács⁶, Melanie Macarie⁷, Ali Tüzün Ince⁸, Zoltán Szepes⁴, Attila Szepes⁹, Márta Varga¹⁰, Adrienn Halász¹¹, Ferenc Izbéki¹¹, Áron Vincze⁵, Andrea Szentesi^{1,4}, Andrea Párniczky^{1,12}, Péter Hegyi^{1,4,13,14}, on behalf of the Hungarian Pancreatic Study Group

¹Institute for Translational Medicine, Medical School, University of Pécs, Hungary,

²Gastroenterological Clinic, Faculty of Medicine, Slovak Medical University in Bratislava,

Slovakia, ³Bajcsy-Zsilinszky Hospital, Hungary, ⁴First Department of Medicine, University

of Szeged, Hungary, ⁵Division of Gastroenterology, First Department of Medicine, Medical

School, University of Pécs, Hungary, ⁶Department of Internal Medicine, Division of

Gastroenterology, University of Debrecen, Hungary, ⁷Mures County Emergency Hospital,

Romania, ⁸Hospital of Bezmialem Vakif University, School of Medicine, Turkey, ⁹Bács-Kiskun

County Hospital, Hungary, ¹⁰Dr. Réthy Pál Hospital, Hungary, ¹¹Szent György University

Teaching Hospital of Fejér County, Hungary, ¹²Heim Pál Children's Hospital, Hungary,

¹³Division of Translational Medicine, First Department of Medicine, Medical School, University of Pécs, Hungary, ¹⁴Hungarian Academy of Sciences-University of Szeged, Momentum

Gastroenterology Multidisciplinary Research Group, Hungary

16:40–16:50 O-51 Does fecal elastase correlate with EUS morphologic alterations of chronic pancreatitis?

Daniel Vasile Balaban^{1,2}, Georgiana Robu², Andreea Zoican², Marina Ciochina², Mariana Jinga^{1,2}

¹"Carol Davila" University of Medicine and Pharmacy, Bukarest, Romania, ²"Dr Carol Davila" Central Military Emergency University Hospital, Gastroenterology, Romania

16:50–17:00 O-52 Etiology Of Chronic Pancreatitis In Children.

Grzegorz Oracz¹, Karolina Wejnarska¹, Agnieszka Magdalena Rygiel², Elwira Kolodziejczyk¹, Agnieszka Sobczynska-Tomaszewska³, Aleksandra Anna Kujko², Katarzyna Wertheim-Tysarowska², Jaroslaw Kierkus¹

¹The Childrens Memorial Health Institute, Dep. of Gastroenterology, Hepatology, Feeding Disorders and Pediatrics, Warsaw, Poland, ²National Research Institute of Mother and Child, Department of Medical Genetics, Poland, ³Medgen, Poland

Oral Presentations – free papers

Plenary Room

08:30–09:30

Session 19: Autoimmune and genetic causes of pancreatitis

Chair:

Robert Jaster, Rostock, Germany

Georg Beyer, Munich, Germany

08:30–08:40

O-53

Type 2 autoimmune pancreatitis (idiopathic duct-centric chronic pancreatitis) in an Asian country highlighting patients presenting as clinical acute pancreatitis
Dongwook Oh¹, Tae Jun Song², Jin Hee Kim³, Seung-Mo Hong⁴, Do Hyun Park², Sang Soo Lee², Dong-Wan Seo², Sung Koo Lee², Myung-Hwan Kim²

¹Nowon Eulji Medical Center, Eulji University, Department of Gastroenterology, South Korea, ²University of Ulsan College of Medicine, Asan Medical Center, Department of Gastroenterology, South Korea, ³University of Ulsan College of Medicine, Asan Medical Center, Department of Radiology, South Korea, ⁴University of Ulsan College of Medicine, Asan Medical Center, Department of Pathology, South Korea

08:40–08:50

O-54

Relapsing auto-immune pancreatitis and treatment with rituximab : results of a French cohort

Heithem Soliman¹, Marie-Pierre Vullierme², Frederique Maire², Olivia Hentic², Nelly Muller², Philippe Ruszniewski², Philippe Lévy², Vinciane Rebours²

¹Hospital Louis Mourier, France, ²Hopital Beaujon, France

08:50–09:00

O-55

Genetic and immunological basis of autoimmune pancreatitis

Luise Ehlers¹, Sarah Rohde¹, Yask Gupta², Matthias Löhr³, Alisan Kahraman⁴, Georg Beyer⁵, Alexander Schneider⁶, Saleh M. Ibrahim², **Robert Jaster¹**

¹Rostock University Medical Center, Department of Medicine II, Division of Gastroenterology, Germany, ²University of Lübeck, Institute of Experimental Dermatology, Germany, ³Karolinska University Hospital, Department of Clinical Science, Intervention and Technology (CLINTEC), Sweden, ⁴University Hospital Essen, Department of Gastroenterology and Hepatology, Germany, ⁵Ludwigs-Maximilians University Munich, Department of Medicine II, Germany, ⁶University Medical Center Mannheim, Department of Medicine II/ Gastroenterology, Germany

09:00–09:10

O-56

Misfolding carboxypeptidase mutant induces chronic pancreatitis in mice

Eszter Hegyi, Miklós Sahin-Tóth

Boston University, Department of Molecular and Cell Biology, United States

09:10–09:20

O-57

The SPINK1 p.N34S variant is associated with early onset idiopathic recurrent acute pancreatitis progressing to chronic disease, but not with more rapid progression to other disease outcomes such as diabetes mellitus.

Ioannis Sarantis¹, Andrea Sheel¹, James Nicholson¹, Emma McCarthy², Emma Howard², Ryan Baron¹, Jennifer Law¹, Paula Ghaneh¹, Roger Mountford², Eithne Costello-Goldring¹, Vinciane Rebours³, John Neoptolemos⁴, Christopher Halloran¹, William Greenhalf¹

¹University of Liverpool, Department of Molecular and Clinical Cancer Medicine, United Kingdom, ²Liverpool Women's Hospital, Cheshire and Merseyside Regional Genetics Laboratories, United Kingdom, ³Beaujon Hospital, Pancreatology Unit, France, ⁴University of Heidelberg, Department of General Surgery, Germany



Scientific Programme

Saturday, 16th June 2018

- 09:20–09:30 O-58 **Novel susceptibility genes candidates of chronic pancreatitis identified by whole exome sequencing.**
Agnieszka M Rygiel¹, Aleksandra A Kujko¹, Grzegorz Oracz², Tomasz Gambin², Joanna Kosińska³, Karolina Wejnarska², Elwira Kołodziejczyk², Katarzyna Wertheim-Tysarowska¹, Rafał Płoski³, Jerzy Bał¹
¹Institute of Mother and Child, Department of Medical Genetics, Poland, ²The Children's Memorial Health Institute, Department of Gastroenterology, Hepatology and Feeding Disorders and Pediatrics, Poland, ³Medical University of Warsaw, Department of Medical Genetics, Poland

Clinical Controversies

Plenary Room

09:30–10:00 Session 20: The dilemma of autoimmune pancreatitis

- Expert panel: Suresh Chari, Rochester, United States
David Fine, Southampton, United Kingdom
Luca Frulloni, Verona, Italy
- 09:30–09:45 **Autoimmune pancreatitis in Asia – a disease we know well and can cure**
Kim Myung-Hwan, Seoul, South Korea
- 09:45–10:00 **Autoimmune pancreatitis in Europe – a disease we know little about and have much to learn**
Matthias Löhr, Stockholm, Sweden

Keynote lectures

Plenary Room

10:30–11:15 Session 21: Clinical challenges: Interventions for acute pancreatitis

- Expert panel: Colin McKay, Glasgow, United Kingdom
Roberto Valente, Stockholm, Sweden
Peter Hegyi, Szeged, Hungary
- 10:30–10:45 **The initial treatment of severe pancreatitis – understudied and underpowered**
Enrique de-Madaria, Alicante, Spain
- 10:45–11:00 **Limitations of endoscopic treatment for necrotizing pancreatitis – future tools and future trials**
Ross Carter, Glasgow, United Kingdom
- 11:00–11:15 **Limitations of surgical treatment of necrotizing pancreatitis – where advancements are needed**
Jens Werner, Munich, Germany

11:15–12:15

Session 22: Neuroendocrine tumours of the pancreas

Chair:

Patrick Michl, Halle, Germany

Ilse Rooman, Brussels, Belgium

11:15–11:25 O-59

The Number of Positive Nodes Accurately Predicts Recurrence after Pancreaticoduodenectomy for Nonfunctioning Neuroendocrine Neoplasms

Valentina Andreasi¹, Stefano Partelli¹, Ammar A. Javed², Jin He², Francesca Muffatti¹, Matthew J. Weiss², Fabio Giannone¹, Fausto Sessa³, Stefano La Rosa⁴, Claudio Doglioni⁵, Giuseppe Zamboni⁶, Christopher L. Wolfgang², Massimo Falconi¹
¹San Raffaele Scientific Institute, "Vita-Salute" University, Pancreatic Surgery Unit, Pancreas Translational & Clinical Research Center, Italy, ²Johns Hopkins University School of Medicine, Department of Surgery, United States, ³University of Insubria, Department of Medicine and Surgery, Italy, ⁴Lausanne University Hospital, Institute of Pathology, Service of Clinical Pathology, Switzerland, ⁵San Raffaele Scientific Institute, "Vita-Salute" University, Department of Pathology, Pancreas Translational & Clinical Research Center, Italy, ⁶"Sacro Cuore-Don Calabria" Hospital, Department of Pathology, Italy

11:25–11:35 O-60

Genomic and transcriptomic characterization of aggressive well differentiated pancreatic neuroendocrine tumors

Jerome Cros¹, M'Barka Soukeur², Jerome Raffenne², Virginie Bernard³, Ilaria Marinoni⁴, Florent Dumont⁵, Leanne De Koning⁶, Jean Yves Scoazec⁷, Magali Svrcek⁸, Olivia Hentic⁹, Alain Sauvanet¹⁰, Philippe Levy⁹, Valerie Paradis¹, Ivan Bieche³, Philippe Ruszniewski⁹, Anne Couvelard¹
¹Beaujon University Hospital, Pathology Dpt, France, ²INSERM U1149, France, ³Curie Institute, Pharmacogenomics, France, ⁴Bern University, Pathology Dpt, Switzerland, ⁵Cochin Hospital, Genomic platform, France, ⁶Curie Institute, RPPA platform, France, ⁷Gustave Roussy Institute, Pathology Dpt, France, ⁸Saint Antoine Hospital, Pathology Dpt, France, ⁹Beaujon University Hospital, Gastroenterology Dpt, France, ¹⁰Beaujon University Hospital, Pancreatic Surgery Dpt, France

11:35–11:45 O-61

Prognostic impact of lymph node involvement in pancreatic neuroendocrine neoplasms

Simon Schimmack¹, Dominik Fliegner¹, Ulf Hinz¹, Frank Bergmann², Anna Nießen¹, Thilo Hackert¹, Markus Büchler¹, **Oliver Strobel¹**
¹University Hospital Heidelberg, General, Visceral and Transplantation Surgery, Germany, ²University Hospital Heidelberg, Institute of Pathology, Germany

11:45–11:55 O-62

Phosphorylated Histone H3 (PHH3) is a novel, interesting prognostic marker in GEP-NETS

Roberta Roggiolani¹, Emanuela Pilozzi², Giuseppe Nigri³, Maria Rinzivillo¹, Soldano Ferrone⁴, Francesco Panzuto¹, Gianfranco Delle Fave¹, Gabriele Capurso¹, Cristina Ferrone⁴
¹Sant'Andrea Hospital, Digestive and liver disease, Italy, ²Sant'Andrea Hospital, Pathology, Italy, ³Sant'Andrea Hospital, General Surgery, Italy, ⁴Massachusetts General Hospital, Surgery, United States

Scientific Programme

Saturday, 16th June 2018

- 11:55–12:05 O-63 **Crosstalk between IGF2BP RNA-binding proteins and epigenetic regulators in pancreatic neuroendocrine tumors**
Florian Sperling¹, Lars Nietfeld¹, Stefan Hüttelmaier², Patrick Michl¹, Heidi Griesmann¹
¹University Hospital Halle, Dept. of Internal Medicine I, Germany, ²Institute of Molecular Medicine (IMM), Division for Molecular Cell Biology, Germany
- 12:05–12:15 O-64 **Lower mortality and also lower costs of treatment among pancreatic resections in high-volume centres: A Finnish Register Study**
Reea Ahola, Juhani Sand, Johanna Laukkanen *Tampere University Hospital, Finland*

Minisymposium

12:15–13:00

Chair:

12:15–12:30

12:30–12:45

12:45–13:00

Session 23: The Alphabet Soup of Neuro-Endocrine Tumor Therapy

Massimo Falconi, Milano, Italy

Andrea Sheel, Liverpool, United Kingdom

Beatrice Mohelnikova-Duchonova, Olomouc, Czech Republic

Genetic basis and Epidemiology of pNETs

Gabriele Capurso, Roma, Italy

Diagnostics of pNETs: imaging, biomarkers and response prediction

Vinciane Rebours, Clichy, France

New and old therapeutic options for pNETs

Thomas Gress, Munich, Germany

Plenary Room



14:00–17:00	Genetische Erkrankungen der Bauchspeicheldrüse eine Veranstaltung des Selbsthilfevereins Deutsche Pankreashilfe e.V. in Kooperation mit dem Selbsthilfeverein AdP e.V.
Chair:	M. M. Lerch, P. Simon, Greifswald S. Klabunde, Otterberg
14:00–14:05	Begrüßung und Eröffnung M.M. Lerch, P. Simon, Greifswald
14:05–14:20	Selbsthilfe – Aktuelle Informationen S. Klabunde, Otterberg
14:20–14:40	Aktuelles aus der Genetik für erbliche Erkrankungen der Bauchspeicheldrüse H. Witt, Munich
14:40–15:00	Hereditäre Pankreatitis – Klinischer Verlauf und Komplikationen P. Simon, Greifswald
15:00–15:20	Kaffeepause und Erfahrungsaustausch
15:20–15:40	Chronische Pankreatitis – Endoskopische Therapieoptionen A. Aghdassi, Greifswald
15:40–16:00	Chronische Pankreatitis – Chirurgische Therapieoptionen G. Ceyhan, Munich
16:00–16:30	Pankreatitis ... Möglicher Zusammenhang mit FCS? (erbliche Fettstoffwechselstörung) Theodora Varkonyi-Weisz, Zürich
16:30–16:45	Die PEPPP – Studie: Aktueller Stand S. Salloch, Greifswald
16:45–17:00	Die EUROPAC 2 Studie: Aktueller Stand E. Weber, Greifswald
17:00	Abschluss der Veranstaltung

- P1-001 Expression of the obestatin/G-protein coupled receptor 39 (GPR39) system in healthy and diseased human pancreas.**
L. Estévez-Perez¹, S. Leal-lopez¹, A. Sanchez-Temprano¹, B. Otero-Alen¹, C. Seoane-Mosteiro², R. Gallego- Gomez^{1,3}, I. Abdulkader-Nallib⁴, T. Garcia-Caballero^{1,4,5}, J. E. Dominguez-Muñoz^{1,6}, J. Perez-Camiña², Y. Pazos-Randulfe¹
¹Health Research Institute of Santiago de Compostela (IDIS), Digestive Diseases Research Group, Spain, ²Health Research Institute of Santiago de Compostela (IDIS), Cell Endocrinology, Spain, ³University of Santiago de Compostela, Morphological Sciences, Spain, ⁴University Hospital of Santiago de Compostela, Pathology, Spain, ⁵Health Research Institute of Santiago de Compostela (IDIS), Spain, ⁶University Hospital of Santiago de Compostela, Gastroenterology, Spain
- P1-002 CFTR mutations relevance on pancreatitis outcome: genotype-phenotype correlation and impact of associated factors**
S. Dermine¹, E. Girodon-Boulandet², P. Calame³, M. P. Vullierme³, T. Bienvenu², P. Ruzsniowski¹, P. Levy¹, V. Rebours¹
¹Beaujon Hospital, Department of Pancreatology, France, ²Cochin Hospital, Molecular genetics laboratory, France, ³Beaujon Hospital, Department of Radiology, France
- P1-003 Differences in CTRB1 and CTRB2 promotor activities imply new pathomechanism of associated pancreatitis risk.**
S. Beer¹, A. Demcsák², K. Seltsam¹, J. Mössner¹, J. Rosendahl³
¹University Hospital Leipzig, Division of Gastroenterology, Germany, ²University of Szeged, Department of Pediatrics, Hungary, ³University Hospital Halle (Saale), Department of Internal Medicine I, Germany
- P1-004 Impact of known SPINK1 missense variants on pre-mRNA splicing and/or mRNA stability in a full-length gene assay**
A. Boulling¹, H. Wu^{1,2,3}, W.-B. Zou^{1,2,3}, E. Masson¹, C. Férec¹, J.-M. Chen¹
¹UMR1078 "Génétique, Génomique Fonctionnelle et Biotechnologies", INSERM, EFS, Université de Brest, IBSAM, CHU de Brest, France, ²Department of Gastroenterology, Changhai Hospital, The Second Military Medical University, China, ³Shanghai Institute of Pancreatic Diseases, China
- P1-005 The polymorphic carboxyl-ester lipase (CEL) gene: novel copy number variants (CNVs) identified by both classical and high-throughput genetic analysis**
K. Fjeld^{1,2}, E. M. Masson^{3,4}, P. Michl⁵, T. Stokowy², H. Lin^{6,7}, S. J. Steine⁸, B. B. Johansson¹, M. Dalva^{2,8}, K. El Jellas⁸, C. Ruffert⁵, W.-B. Zou^{6,7}, Z.-S. Li^{6,7}, P. R. Njølstad¹, J.-M. Chen^{3,9,10}, Z. Liao^{6,7}, S. Johansson^{1,2}, J. Rosendahl⁵, C. Férec^{3,4,9,10}, A. Molven⁸
¹University of Bergen, Department of Clinical Science, Norway, ²Haukeland University Hospital, Department of Medical Genetics, Norway, ³Institut National de la Santé et de la Recherche Médicale (INSERM), U1078, France, ⁴Centre Hospitalier Régional Universitaire (CHRU) Brest, Laboratoire de Génétique Moléculaire et d'Histocompatibilité, France, ⁵Martin Luther University, Department of Internal Medicine I, Germany, ⁶The Second Military Medical University, Department of Gastroenterology, China, ⁷Shanghai Institute of Pancreatic Diseases, China, ⁸University of Bergen, Department of Clinical Medicine, Norway, ⁹Etablissement Français du Sang – Bretagne, France, ¹⁰Université de Bretagne Occidentale, Faculté de Médecine et des Sciences de la Santé, France

- P1-006 The PANcreatic Disease ReseArch (PANDoRA) consortium: an update**
 F. Canzian¹, O. Obazee¹, T. Hackert², J. P. Neoptolemos², O. Strobel², Y. K. Vashist^{3,4}, J. R. Izbicki³, R. Kaaks¹, H. Brenner¹, P. Hegyi^{5,6,7}, U. Boggi⁸, L. Morelli⁸, F. Bambi⁹, G. Capurso¹⁰, R. Pezzilli¹¹, A. Mambriani¹², C. Sperti¹³, A. Scarpa¹⁴, A. Andriulli¹⁵, G. M. Cavestro¹⁶, P. G. Arcidiacono¹⁶, A. Zerbi¹⁷, W. Greenhalf¹⁸, T. J. Key¹⁹, K.-T. Khaw²⁰, P. Vodicka²¹, P. Soucek²², B. Mohelnikova-Duchonova^{23,24}, M. Lovecek²³, E. Malecka-Panas²⁵, K. Jamrozak²⁵, J. Kupcinskas²⁶, M. Gazouli²⁷, O. Busch²⁸, C. H. van Eijck²⁹, H. B. Bueno-de-Mesquita³⁰, P. H. M. Peeters³¹, J. S. Johansen³², N. Gubernitski³³, K. Matsuo³⁴, S. Kikuchi³⁵, D. Campa³⁶
¹German Cancer Research Center (DKFZ), Germany, ²Heidelberg University Hospital, Germany, ³University Medical Center Hamburg-Eppendorf, Germany, ⁴Kantonsspital Aarau AG, Switzerland, ⁵University of Szeged, Hungary, ⁶University of Pécs, Hungary, ⁷MTA-SZTE Translational Gastroenterology Research Group, Hungary, ⁸Pisa University Hospital, Italy, ⁹Azienda Ospedaliero Universitaria Meyer, Italy, ¹⁰Sapienza University, Italy, ¹¹Sant'Orsola-Malpighi Hospital, Italy, ¹²Azienda USL Toscana Nord Ovest, Italy, ¹³University of Padova, Italy, ¹⁴University and Hospital Trust of Verona, Italy, ¹⁵IRCCS Scientific Institute and Regional General Hospital "Casa Sollievo della Sofferenza", Italy, ¹⁶IRCCS San Raffaele Scientific Institute, Italy, ¹⁷Humanitas Research Hospital, Italy, ¹⁸University of Liverpool, United Kingdom, ¹⁹University of Oxford, United Kingdom, ²⁰University of Cambridge, United Kingdom, ²¹Czech Academy of Science, Czech Republic, ²²Charles University, Czech Republic, ²³Palacky University, Czech Republic, ²⁴National Institute of Public Health, Czech Republic, ²⁵Medical University of Lodz, Poland, ²⁶Lithuanian University of Health Sciences, Lithuania, ²⁷National And Kapodistrian University of Athens, Greece, ²⁸Academic Medical Centre, Netherlands, ²⁹Erasmus Medical Center, Netherlands, ³⁰National Institute for Public Health and the Environment (RIVM), Netherlands, ³¹University Medical Center Utrecht, Netherlands, ³²Herlev Hospital, Denmark, ³³Donetsk National Medical University, Ukraine, ³⁴Aichi Cancer Center, Japan, ³⁵Aichi Medical University, Japan, ³⁶University of Pisa, Italy
- P1-007 The common truncation variant p.W358X of the PNLIPRP2 lipase is not associated with chronic pancreatitis**
 Z. G. Peseli^{1,2}, B. C. Nemeth^{1,2}, E. Hegyi^{1,3}, A. Szentesi^{2,3}, A. Vince⁴, D. Kelemen⁵, P. Hegyi^{2,3,6,7}, M. Sahin-Toth¹
¹Boston University Medical Campus, United States, ²University of Szeged, First Department of Medicine, Hungary, ³University of Pécs, Medical School, Institute for Translational Medicine, Hungary, ⁴University of Pécs, Medical School, Division of Gastroenterology, First Department of Medicine, Hungary, ⁵University of Pécs, Medical School, Department of Surgery, Hungary, ⁶University of Pécs, Medical School, Division of Translational Medicine, First Department of Medicine, Hungary, ⁷Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary
- P1-008 Prevalence of Pancreatic Secretory Trypsin Inhibitor (SPINK1) gene mutation in patients with acute alcohol pancreatitis (AAP) compared to alcoholics and healthy controls**
 A. Nikkola^{1,2}, K.-H. Herzig³, K. Mäkelä³, S. J. Mutt³, T. Lehtimäki^{4,5}, M. Kähönen^{2,6}, O. Raitakari⁷, I. Seppälä⁵, P. Paakkanen², H. Seppänen⁸, I. Nordback¹, J. Sand⁹, J. Laukkanen^{1,2}
¹Tampere University Hospital, Department of Gastroenterology and Alimentary Tract Surgery, Finland, ²University of Tampere, Faculty of Medicine and Life Sciences, Finland, ³University of Oulu, Research Unit of Biomedicine and Biocenter of Oulu, Finland, ⁴University of Tampere, Faculty of Medicine and Life Sciences, Finland, ⁵Tampere University Hospital, Department of Clinical Chemistry, Finland, ⁶Tampere University Hospital, Department of Physiology, Finland, ⁷Turku University Hospital, Department of Clinical Physiology and Nuclear Medicine, Finland, ⁸Helsinki University Hospital, Department of Surgery, Finland, ⁹Päijät-Häme Central Hospital, Finland

- P1-009 Novel chymotrypsin C (CTRC) variant c.173C>T (p.T58M) in a case of late onset recurrent acute pancreatitis**
B. C. Nemeth^{1,2}, T. Takacs², P. Hegyi^{2,3,4,5}, M. Sahin-Toth¹
¹Boston University Medical Campus, United States, ²University of Szeged, First Department of Medicine, Hungary, ³University of Pécs, Medical School, Institute for Translational Medicine, Hungary, ⁴University of Pécs, Medical School, Division of Translational Medicine, First Department of Medicine, Hungary, ⁵Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary
- P1-010 DPC4, P53 and MTAP expression in patients with locally advanced and metastatic pancreatic cancer**
I. Q. Molenaar¹, M. S. Walma¹, L. E. de Guerre¹, H. C. van Santvoort^{1,2}, J. A. Offerhaus³, L. A. Brosens³
¹University Medical Center Utrecht, Surgery, Netherlands, ²St. Antonius Hospital, Surgery, Netherlands, ³University Medical Center Utrecht, Pathology, Netherlands
- P1-011 Genetic variability of the ABCC2 gene and overall survival in pancreatic cancer**
M. Gentiluomo^{1,2}, A. Galeotti^{1,2}, R. Pezzilli³, U. Boggi⁴, G. Capurso⁵, E. Malecka-Panas⁶, J. Kupcinskas⁷, M. Büchler⁸, A. Andriulli⁹, W. Greenhalf¹⁰, J. P. Neoptolemos⁸, A. Mambriani¹¹, A. Scarpa¹², P. Soucek¹³, M. Lovecek¹⁴, B. Mohelnikova-Duchonova¹⁴, P. Puchalt García¹, O. Obazee², C. Pasquali¹⁵, O. Busch¹⁶, J. R. Izbicki¹⁷, Y. K. Vashist¹⁷, G. M. Cavestro¹⁸, P. Hegyi¹⁹, F. Canzian², D. Campa¹
¹University of Pisa, Department of Biology, Italy, ²German Cancer Research Center, Germany, ³Sant'Orsola-Malpighi Hospital, Italy, ⁴University Hospital of Pisa, Italy, ⁵Sapienza University of Rome, Italy, ⁶Medical University of Lodz, Poland, ⁷Lithuanian University of Health Sciences, Lithuania, ⁸University Hospital Heidelberg, Germany, ⁹IRCCS "Casa Sollievo della Sofferenza", Italy, ¹⁰University of Liverpool, United Kingdom, ¹¹ASL1 Massa Carrara, Italy, ¹²University and Hospital Trust of Verona, Italy, ¹³National Institute of Public Health, Czech Republic, ¹⁴Palacky University and University Hospital, Czech Republic, ¹⁵University of Padua, Italy, ¹⁶University of Amsterdam, Netherlands, ¹⁷University Medical Center Hamburg-Eppendorf, Germany, ¹⁸Ospedale San Raffaele, Italy, ¹⁹University of Pécs, Hungary
- P1-012 The mutations of carboxypeptidase 1 predisposes to distinguishing patients with acute pancreatitis and pancreatic cancer**
S. Gluszek^{1,2}, M. Wawszczak¹, M. Majchrzak¹, W. Adamus-Bialek¹, J. Klusek³, L. Nawacki³, D. Kozielec¹
¹Jan Kochanowski University, Faculty of Medicine and Health Sciences, Poland, ²Voivodeship Hospital, Department of General, Oncological and Endocrinological Surgery, Poland, ³Jan Kochanowski University, Jan Kochanowski University, Poland
- P1-013 Different effects of frameshift mutations occurring in the repeat region of the pancreatic enzyme carboxyl ester lipase (CEL)**
A. Gravdal^{1,2,3}, R. S. Brekke^{1,3}, K. El Jellas^{1,3,4}, X. Xiao⁵, M. E. Lowe⁵, D. Lombardo⁶, E. Mas⁶, B. B. Johansson^{1,7}, K. Fjeld^{1,2}, A. Molven^{1,3,4}
¹KG Jebsen Center for Diabetes Research, Department of Clinical Science, University of Bergen, Norway, ²Department of Medical Genetics, Haukeland University Hospital, Norway, ³Gade Laboratory for Pathology, Department of Clinical Medicine, University of Bergen, Norway, ⁴Department of Pathology, Haukeland University Hospital, Norway, ⁵Department of Pediatrics, Washington University School of Medicine, United States, ⁶Center for Research in Biological Oncology and Oncopharmacology, Aix-Marseille University, INSERM, CRO2, France, ⁷Department of Pediatrics, Haukeland University Hospital, Norway
- P1-014 NGS sequencing as an efficient instrument of molecular genetic diagnostics in patients with chronic pancreatitis**
K. F. Khafizov¹, M. M. Litvinova^{1,2,3}, A. A. Ayginin¹, A. D. Matsvay¹, E. V. Pimkina¹, A. S. Speranskaya¹, G. A. Shipulin¹, L. V. Vinokurova³, K. A. Nikolskaya³, E. A. Dubtsova³, D. S. Bordin³

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- P1-015 Follow-up as analysis tool of the potential long-term effects of SPINK, CTSC mutations in Acute Pancreatitis Patients**
D. Koziel¹, J. Matykiewicz^{1,2}, M. Wawrszczak¹, M. Majchrzak¹, W. Adamus-Bialek¹, S. Gluszek^{1,2}
¹Jan Kochanowski University, Faculty of Medicine and Health Sciences, Poland, ²Voivodeship Hospital, Department of General, Oncological and Endocrinological Surgery, Poland
- P1-016 Association between CEL-HYB1 allele and idiopathic/familial chronic pancreatitis in Polish pediatric patients.**
A. A. Kujko¹, G. Oracz², K. Fjeld³, K. Wejnarska², K. Wertheim-Tysarowska¹, E. Kołodziejczyk², J. Bal¹, W. Adamus-Bialek⁴, D. Koziel⁴, A. Kowalik⁵, S. Gluszek⁴, A. Molven³, A. M. Rygiel¹
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- P1-017 Genetic and immunological basis of autoimmune pancreatitis**
L. Ehlers¹, S. Rohde¹, Y. Gupta², M. Löhr³, A. Kahraman⁴, G. Beyer⁵, A. Schneider⁶, S. M. Ibrahim², R. Jaster¹
¹Rostock University Medical Center, Department of Medicine II, Division of Gastroenterology, Germany, ²University of Lübeck, Institute of Experimental Dermatology, Germany, ³Karolinska University Hospital, Department of Clinical Science, Intervention and Technology (CLINTEC), Sweden, ⁴University Hospital Essen, Department of Gastroenterology and Hepatology, Germany, ⁵Ludwigs-Maximilians University Munich, Department of Medicine II, Germany, ⁶University Medical Center Mannheim, Department of Medicine III/ Gastroenterology, Germany
- P1-018 Misfolding carboxypeptidase mutant induces chronic pancreatitis in mice**
E. Hegyi, M. Sahin-Tóth
Boston University, Department of Molecular and Cell Biology, United States
- P1-019 The SPINK1 p.N34S variant is associated with early onset idiopathic recurrent acute pancreatitis progressing to chronic disease, but not with more rapid progression to other disease outcomes such as diabetes mellitus.**
I. Sarantis¹, A. Sheel¹, J. Nicholson¹, E. McCarthy², E. Howard², R. Baron¹, J. Law¹, P. Ghaneh¹, R. Mountford², E. Costello-Golding¹, V. Rebour³, J. Neoptolemos⁴, C. Halloran¹, W. Greenhalf¹
¹University of Liverpool, Department of Molecular and Clinical Cancer Medicine, United Kingdom, ²Liverpool Women's Hospital, Cheshire and Merseyside Regional Genetics Laboratories, United Kingdom, ³Beaujon Hospital, Pancreatology Unit, France, ⁴University of Heidelberg, Department of General Surgery, Germany
- P1-020 Novel susceptibility genes candidates of chronic pancreatitis identified by whole exome sequencing.**
A. M. Rygiel¹, A. A. Kujko¹, G. Oracz², T. Gambin², J. Kosińska³, K. Wejnarska², E. Kołodziejczyk², K. Wertheim-Tysarowska¹, R. Płoski³, J. Bal¹
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- P2-001 Intensity of symptoms and outcomes of acute pancreatitis, a preliminary analysis of the PROMISE study**
 C. Sánchez-Marin¹, S. Chooklin², V. Mauriz³, R. Mejuto³, M. L. Ruiz-Rebollo⁴, B. Burgueño-Gómez⁴, M. E. Lauret⁵, M. Katalin⁶, P. Hegyi⁶, S. Espina-Cadena⁷, V. Bernal⁷, E. Bajador⁷, G. García-Rayado⁸, J. Millastre⁸, E. E. Lozada-Hernández⁹, N. O. Zarnescu¹⁰, A. Stemate¹⁰, A. Pedro-Gomes¹¹, L. Carvalho-Lourenço¹¹, A. Litvin¹², M. Fraile-González¹³, A. Abando-Zurimendi¹³, J. Almeida Pereira¹⁴, L. Aburruza-Ucar¹⁵, S. López-López¹⁵, A. Gasiorowska¹⁶, L. Czako¹⁷, Y. Koog Cheon¹⁸, I. Pascual-Moreno¹⁹, J. J. Mira²⁰, E. de-Madaria¹
¹Hospital General Universitario de Alicante, Spain, ²National Medical University, Ukraine, ³University Hospital of Santiago de Compostela, Spain, ⁴University Clinical Hospital, Spain, ⁵Central University Hospital of Asturias, Spain, ⁶University of Pécs, Hungary, ⁷Miguel Servet University Hospital, Spain, ⁸University Clinic Hospital, Aragón Health Research Institute (IIS Aragón), Spain, ⁹Regional Hospital of Alta., Mexico, ¹⁰Carol Davila University, Romania, ¹¹Professor Doutor Fernando Fonseca Hospital, Portugal, ¹²Immanuel Kant Baltic Federal University, Russian Federation, ¹³San Pedro Hospital, Spain, ¹⁴Centro Hospitalar Tondela Viseu, Portugal, ¹⁵Complejo Universitario de Navarra, Spain, ¹⁶Medical University of Lodz, Poland, ¹⁷University of Szeged, Hungary, ¹⁸Konkuk Universit, South Korea, ¹⁹Clinic University Hospital, Spain, ²⁰Miguel Hernández University, Spain
- P2-002 Impact of obesity on the prognosis of an acute pancreatitis**
 O. Dronov¹, I. Kovalska¹, K. Zadorozhna¹, A. Gorlach¹, M. Zemskova²
¹Bogomolets National Medical University, General Surgery N1, Ukraine, ²Kyiv city hospital N10, General Surgery, Ukraine
- P2-003 Determinants of Length of Hospital Stay in Mild Acute Pancreatitis**
 S. López¹, F. Bolado¹, C. Prieto¹, L. Aburruza¹, H. J. Canaval², A. I. Hernando³, M. A. Marcaide⁴, E. De Madaria⁵
¹Complejo Hospitalario de Navarra, Aparato Digestivo, Spain, ²Hospital Son Llatzer, Aparato Digestivo, Spain, ³Hospital Gregorio Marañón, Aparato Digestivo, Spain, ⁴Hospital de Álava, Aparato Digestivo, Spain, ⁵Hospital General Universitario de Alicante, Aparato Digestivo, Spain
- P2-004 Complications of severe acute pancreatitis according to the results of pathomorphological researches**
 A. Kudelich
Belarusian State Medical University, the 1st chair of surgical illnesses, Belarus
- P2-005 Diagnosis of Intestinal Failure and its Impact on Prognosis in Patients with Acute Necrotizing Pancreatitis**
 O. Kuzminska¹, I. Khomiak², O. Rotar¹, V. Rotar¹, A. Khomiak²
¹Bukovinian State Medical University, General Surgery, Ukraine, ²O.O. Shalimov National Institute of Surgery and Transplantology, Department of Pancreas Surgery and Bile Ducts Reconstruction Surgery, Ukraine
- P2-006 Descriptive Analysis of Patient Outcomes following Plasmapheresis for Hypertriglyceridemia-induced Acute Pancreatitis**
 A. Heckman¹, K. Sacco¹, A. Zubair², M. Lewis³
¹Mayo Clinic, Internal Medicine, United States, ²Mayo Clinic, Laboratory and Transfusion Medicine, United States, ³Mayo Clinic, Gastroenterology and Hepatology, United States
- P2-007 Contamination's risk factors of severe necrotizing pancreatitis.**
 I. Yelsky
M.Gorky Donetsk National Medical University, Surgery and endoscopy department, Ukraine

- P2-008 Alcohol consumption and smoking synergize with each other and increase the risk of local complications in acute pancreatitis**
Z. Gyomber¹, Á. Vincze², F. Izbéki³, J. Hamvas⁴, M. Varga⁵, S. Gódi⁶, N. Gede⁷, V. Sallinen⁸, M. Macarie⁹, I. Török³, C. Góg¹⁰, Z. Szentkereszty¹¹, D. Pécsi⁷, P. Varjú⁷, B. Németh¹, Z. Szepes¹, T. Takács¹, A. Szentesi^{1,7}, A. Párniczky^{7,12}, P. Hegyi^{1,6,7,13}, on behalf of the Hungarian Pancreatic Study Group
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- P2-009 Clinical importance of extent and location of pancreatic necrosis in acute pancreatitis**
P. Ignatavicius, I. Dekeryte, T. Jankus, K. Zviniene, E. Bieliuniene, G. Barauskas, Z. Dambrasukas
 Lithuanian University of Health Sciences, Surgery, Lithuania
- P2-010 Vicious metabolic cycle in acute pancreatitis: from clinical observations to experimental confirmation**
E. Tóth^{1,2}, Z. Rumbus³, L. Potó⁴, Á. Vincze⁵, G. Veres⁶, L. Czako¹, E. Oláh³, K. Márta³, A. Mikó³, Z. J. Rakonczay⁷, Z. Balla⁷, J. Kaszaki⁸, I. Földesi⁹, J. Maléth^{1,10,11}, A. Garami¹², P. Hegyi^{2,3}
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- P2-011 The value of APACHE II in predicting severity, mortality and duration of hospital treatment in the Montenegrin population with Acute pancreatitis – Experience of the Clinical center of Montenegro**
R. Boricic^{1,2}, B. Smolovic¹, M. Lukic¹
¹Clinical center of Montenegro, Internal Clinic, Montenegro, ²Clinical center of Montenegro, Internal clinic, Montenegro
- P2-012 Metabolic syndrome elevates the risk for mortality and severity in acute pancreatitis.**
A. Szentesi^{1,2}, A. Párniczky^{1,3}, Á. Vincze⁴, J. Bajor⁴, S. Gódi⁵, P. Sarlós⁴, N. Gede¹, F. Izbéki⁶, A. Halász⁶, K. Márta¹, D. Dobszai¹, I. Török⁷, M. Papp⁸, M. Varga⁹, J. Hamvas¹⁰, D. Illés², B. Kui², L. Czako², T. Takács², P. Hegyi^{1,2,5,11}, on behalf of the Hungarian Pancreatic Study Group
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County, Hungary, ⁷Mures County Emergency Hospital, Romania, ⁸University of Debrecen, Department of Internal Medicine, Division of Gastroenterology, Hungary, ⁹Dr. Réthy Pál Hospital, Hungary, ¹⁰Bajcsy-Zsilinszky Hospital, Hungary, ¹¹Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary

P2-013 Totally videoscopic retroperitoneal necrosectomy in severe necrotizing pancreatitis

S. Galeev, Y. Abdullaev, M. Rubtsov

SPb, Clinical hospital 20, General Surgery, Russian Federation

P2-014 Charlson Comorbidity Index is an excellent predictor of outcomes in acute pancreatitis

Z. Szakács¹, D. Pécsi¹, F. Izbéki², M. Papp³, G. Kovács³, H. Farkas⁴, N. Gede¹, B. Kui⁵, I. Szabó⁶, S. Galeev⁷, J. Gervain², T. Takács⁵, P. Sarlós⁶, S. Gódi⁶, M. Varga⁸, J. Hamvas⁹, Á. Vincze⁶, A. Szentesi^{1,5}, A. Párniczky^{1,10}, P. Hegyi^{1,5,11,12}, on behalf of the Hungarian Pancreatic Study Group

¹Institute for Translational Medicine, Medical School, University of Pécs, Hungary, ²Szent György University Teaching Hospital of Fejér County, Hungary, ³Department of Internal Medicine, Division of Gastroenterology, University of Debrecen, Hungary, ⁴Mures County Emergency Hospital, Romania, ⁵First Department of Medicine, University of Szeged, Hungary, ⁶Division of Gastroenterology, First Department of Medicine, Medical School, University of Pécs, Hungary, ⁷Saint Luke Clinical Hospital, Russian Federation, ⁸Dr. Réthy Pál Hospital, Hungary, ⁹Bajcsy-Zsilinszky Hospital, Hungary, ¹⁰Heim Pál Children's Hospital, Hungary, ¹¹Division of Translational Medicine, First Department of Medicine, University of Pécs, Hungary, ¹²Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary

P2-015 Do the etiological factors of acute pancreatitis affect the course of the disease?

N. Fabisiak^{1,2}, A. Fabisiak^{2,3}, E. Malecka-Panas³, A. Gasiorowska¹

¹Medical University of Lodz, Department of Gastroenterology, Poland, ²Medical University of Lodz, Department of Biochemistry, Poland, ³Medical University of Lodz, Department of Digestive Tract Diseases, Poland

P2-016 Altered level of consciousness deteriorates the severity of acute pancreatitis

A. Mikó¹, Á. Vincze², F. Izbéki³, J. Gervain³, S. Gódi⁴, A. Illés², P. Sarlós², N. Farkas^{1,5}, D. Illés⁶, P. Varjú¹, K. Márta¹, I. Török⁷, Z. Vitális⁸, B. Bod⁹, J. Hamvas¹⁰, Z. Szepes⁶, T. Takács⁶, A. Szentesi^{1,6}, A. Párniczky^{1,11}, P. o. b. o. t. H. P. S. G. Hegyi^{1,6,12,13}

¹University of Pécs, Medical School, Institute for Translational Medicine, Hungary, ²University of Pécs, Division of Gastroenterology, First Department of Medicine, Hungary, ³Szent György University Teaching Hospital of Fejér County, Hungary, ⁴University of Pécs, Division of Translational Medicine, First Department of Medicine, Hungary, ⁵University of Pécs, Institute of Bioanalysis, Hungary, ⁶University of Szeged, First Department of Medicine, Hungary, ⁷Mures County Emergency Hospital, Romania, ⁸University of Debrecen, Department of Internal Medicine, Division of Gastroenterology, Hungary, ⁹Dr. Bugyi István Hospital, Hungary, ¹⁰Bajcsy-Zsilinszky Hospital, Hungary, ¹¹Heim Pál Children's Hospital, Hungary, ¹²University of Pécs, Division of Translational Medicine, First Department of Medicine, Hungary, ¹³Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary

P2-017 Ways to improve the diagnostics and treatment of acute pancreatitis

A. Kudelich

Belarusian State Medical University, the 1st chair of surgical illnesses, Belarus

P2-018 Body-mass index correlates with severity and mortality in acute pancreatitis: a meta-analysis

D. Dobszai¹, P. Mátrai¹, Z. Gyöngyi², M. Matuz³, D. Csupor⁴, J. Bajor⁵, B. Erőss¹, A. Mikó¹, L. Szakó¹, Á. Meczker¹, R. Hágendorn⁵, K. Márta¹, A. Szentesi¹, P. Hegyi¹

¹University of Pécs, Medical School, Institute for Translational Medicine, Hungary, ²University of Pécs, Medical School, Department of Public Health Medicine, Hungary, ³University of Szeged, Department of Clinical Pharmacy, Hungary, ⁴University of Szeged, Department of Pharmacognosy, Hungary, ⁵University of Pécs, Medical School, Division of Gastroenterology, 1st Department of Internal Medicine, Hungary

P2-019 5-ASA induces mild acute pancreatitis: a case report

B. Erőss¹, Á. Meczker¹, A. Mikó¹, P. Hegyi^{1, 2, 3, 4}

¹University of Pécs, Medical School, Institute for Translational Medicine, Hungary, ²University of Pécs, Division of Translational Medicine, First Department of Medicine, Hungary, ³University of Szeged, First Department of Medicine, Hungary, ⁴Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary

P2-020 The significance of blood tests in differentiating the etiology of acute pancreatitis

P. Ignatavicius, V. Marcinkevicius, Z. Dambrasas, G. Barauskas

Lithuanian University of Health Sciences, Surgery, Lithuania

P2-021 Discrepancy between Gross Features and Chemical compositions in Gallbladder stone: A Descriptive Single Center Study in Ras Al Khaimah, UAE

B. H. Cha

Sheikh Khalifa Specialty Hospital, Department of Gastroenterology, United Arab Emirates

P2-022 Acute pancreatitis in liver transplant recipients: incidence and outcome

P. Macinga¹, K. Poc², P. Trunecka¹, J. Spicak¹, T. Huc¹

¹Institute for Clinical and Experimental Medicine, Department of Gastroenterology and Hepatology, Czech Republic, ²First Faculty of Medicine, Charles University, Czech Republic

P2.02

2. Pancreatitis in children

P2-024 Explore the childhood onset pancreatitis with the support of APPLE (Analysis of Pediatric Pancreatitis) multicenter, observational, clinical trial

A. Párniczky^{1, 2}, B. C. Németh³, D. Mosztbacher⁴, A. Szentesi^{3, 5}, A. Demcsák⁶, A. Z. Tóth⁶, N. Lásztity², J. Czelecz⁷, I. Tokodi⁸, O. Kadenczki⁹, K. Kaán⁴, F. M. Juhász⁴, G. Veres⁴, E. Tomsits¹⁰, A. Tészás¹¹, A. Tárnok¹¹, I. Guthy¹², E. Horváth¹³, L. Gárdos¹⁴, P. Hegyi^{1, 3, 15, 16}

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- P2-025 The way from abdominal pain to pediatric pancreatitis - The PINEAPPLE study**
D. Mosztbacher^{1,2}, A. Párniczky³, A. Tóth⁴, A. Demcsák⁴, V. Ila⁵, M. Abu El Haija⁶, F. Szabo⁷, I. Tokodi⁸, B. Fehér⁹, K. Bakó⁹, O. Kadenczki⁹, I. Guthy¹⁰, I. Cazacu¹¹, K. Kaán², F. Juhász², E. Horváth², B. Tél², A. Erősz², B. Mosdósi¹², A. Nagy¹², P. Bódi¹³, M. Földi¹⁴, S. Kiss¹⁴, G. Veres², N. Lásztity¹⁵, T. Decsi¹², A. Szentesi^{3, 16}, P. Hegyi^{3, 16}
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- P2-026 Opposite effects of younger and older ages on severity and mortality in Acute Pancreatitis. A meta-analysis based on 191 678 patients**
K. Márta¹, A.-M. Lazarescu^{2,3}, N. Farkas^{1,4}, I.-M. Cazacu^{1,5}, M. Ottófy¹, P. Hegyi^{1,6}, on behalf of the Hungarian Pancreatic Study Group
¹University of Pécs - Medical School, Institute for Translational Medicine, Hungary, ²Clinic II Pediatrics-County Emergency Clinical Hospital of Timisoara, Romania, ³University of Pécs - Medical School, Hungary, ⁴University of Pécs - Medical School, Institute of Bioanalysis, Hungary, ⁵Research Center of Gastroenterology and Hepatology, Romania, ⁶University of Szeged, First Department of Medicine, Hungary
- P2-027 Clinical signs of severity and therapeutic intervention in pediatric acute pancreatitis – prospective multicenter nation-wide cohort**
N. Lásztity¹, D. Mosztbacher², A. Z. Tóth³, A. Demcsák³, I. Tokodi⁴, J. Czelecz⁵, K. Kaán², F. M. Juhász², G. Veres², A. Tészás⁶, I. Vass⁶, A. Tárnok⁶, E. Tomsits⁷, A. Szentesi^{8,9}, P. Hegyi^{9, 10, 11, 12}, A. Párniczky^{1, 10}, on behalf of the Hungarian Pancreatic Study Group
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- P2-028 Estimation of ultrasound attenuation as a method for diagnostics of pancreatic steatosis in children**
O. Lukianenko, Y. Stepanov, N. Zavhorodnia, N. Hravirovska, I. Konenkov
Institute of gastroenterology of the National academy of medical sciences of Ukraine, Ukraine
- P2-029 Risk Factor for Diabetes Mellitus in Pediatric Chronic Pancreatitis Patients**
L. Hao¹, Y. Liu¹, D. Zhang¹, Y.-W. Bi¹, Z. Liao^{1,2}, Z.-S. Li^{1,2}, L.-H. Hu^{1,2}
¹Changhai Hospital, Department of Gastroenterology, China, ²Changhai Hospital, Digestive Endoscopy Center, China

13:00–14:30

Thursday, 14th June 2018

- P2-030 **Does the pancreas divisum reflect the clinical course of chronic pancreatitis in children?**
K. Wejnarska¹, E. Kolodziejczyk², A. M. Rygiel³, J. Bal³, G. Oracz²
¹The Children's Memorial Health Institute, Department of Gastroenterology, Hepatology, Feeding Disorders and Pediatrics, Poland, ²The Children's Memorial Health Institute, Department of Gastroenterology, Hepatology, Feeding Disorders and Pediatrics, Poland, ³The Mother and Child Institute, Department of Medical Genetics, Poland
- P2-031 **Risk Factor for Steatorrhea in Pediatric Chronic Pancreatitis Patients**
L. Hao¹, Y. Liu¹, T. Wang¹, Y.-W. Bi¹, Z. Liao^{1,2}, Z.-S. Li^{1,2}, L.-H. Hu^{1,2}
¹Changhai Hospital, Department of Gastroenterology, China, ²Changhai Hospital, Digestive Endoscopy Center, China
- P2-032 **The prevalence of acute and chronic pancreatitis in Polish children.**
K. Wejnarska¹, M. Woynarowski², M. Wasilewicz³, A. Baniukiewicz³, A. Lichwierowicz⁴, M. Maluchnik⁴, G. Oracz²
¹The Children's Memorial Health Institute, Department of Gastroenterology, Hepatology, Feeding Disorders and Pediatrics, Poland, ²The Children's Memorial Health Institute, Department of Gastroenterology, Hepatology, Feeding Disorders and Pediatrics, Poland, ³Clinical Hospital no 1, Pomeranian Medical University, Poland, ⁴Ministry of Health, Poland

P2.03

3. Experimental Pancreatitis I

- P2-033 **Genetic inhibition of cyclophilin D protects against bile acid or ethanol and fatty acid induced pancreatic ductal epithelial cell damage in mice**
E. Tóth^{1,2}, J. Maléth^{1,3,4}, R. Erdős¹, N. Závogyán¹, L. Tretter⁵, G. Horváth⁵, Z. J. Rakonczay⁶, P. Hegyi^{2,7}
¹University of Szeged, First Department of Medicine, Hungary, ²University of Szeged, MTA-SZTE Momentum Translational Gastroenterology Research Group, Hungary, ³University of Szeged, Momentum Epithel Cell Signalling and Secretion Research Group, Hungarian Academy of Sciences, Hungary, ⁴University of Szeged, Department of Public Health, Hungary, ⁵Semmelweis University, Department of Medical Biochemistry, Hungary, ⁶University of Szeged, Department of Pathophysiology, Hungary, ⁷University of Pécs, Institute for Translational Medicine/1st Department of Medicine, Hungary
- P2-034 **Factors ensuring the appearance and disappearance of the autoimmune component in pancreatic injury in rats.**
I. Trubitsyna¹, L. Vinokurova², T. Tarasova², A. Smirnova², A. Gulyaev², Z. Abdulatipova², J. Orlova²
¹Moscow Clinical Scientific Center named after A.S. Loginova, Department of Health, Moscow, Russian Federation, ²Moscow Clinical Scientific Center named after A.S. Loginova, Department of Health, Russian Federation
- P2-035 **Characterization of the Orai1 mediated Ca²⁺ entry in mouse pancreatic ductal cells**
M. Görgö¹, A. Grassalkovich¹, T. Madácsy¹, N. Papp¹, A. Balázs¹, P. Pallagi¹, Z. Rakonczay², P. Hegyi³, J. Maléth⁴
¹University of Szeged, First Dept of Medicine, MTA-SZTE Momentum Epithel Cell Signalling and Secretion Research Group, Hungary, ²University of Szeged, Dept of Pathophysiology, Hungary, ³University of Szeged and Pécs, Dept of Translational Medicine/ First Dept of Medicine, Hungary, ⁴University of Szeged, First Dept of Medicine, MTA-SZTE Momentum Epithel Cell Signalling and Secretion Research Group and Department of Public Health, Hungary

- P2-036 **An in vitro system to evaluate potential therapeutic substances for ER stress reduction during pancreatitis.**
J. M. Modenbach¹, F. U. Weiss¹, M. Gronbach², C. Oppermann², F. El-Hage³, J. Pospech³, M. M. Lerch¹, M. Sendler¹
¹Department of Medicine A, University Medicine, Ernst-Moritz-Arndt-University Greifswald, Germany, ²Institute of Chemistry, Analytical and Technical Chemistry, University of Rostock, Germany, ³Department of Applied Homogeneous Catalysis, Leibniz-Institute for Catalysis e.V., Germany
- P2-037 **Genetic knockout of SARI does not affect the severity of caerulein-induced acute pancreatitis in mice**
C. Han¹, L. Dai², S. Na¹, T. Liu¹, X. Zhang³, R. Sutton³, W. Huang¹, H. Deng², Q. Xia¹
¹West China Hospital, Sichuan University, Department of Integrated Traditional Chinese and Western Medicine, China, ²West China Hospital, Sichuan University, State Key Laboratory/Collaborative Innovation Centre for Biotherapy, China, ³Institution of Translational Medicine, University of Liverpool, Liverpool Pancreatitis Research Group, United Kingdom
- P2-038 **Association between Breath Hydrogen-Methane and Glucose Tolerance in Patients with Acute Pancreatitis**
C. N. Paik, D. B. Kim, J. M. Lee, Y. J. Kim, J.-M. Yang
St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Department of Internal Medicine, South Korea
- P2-039 **Secreted cyclophilin A levels elevate in animal models and patients with acute pancreatitis at disease early stage**
W. Cai¹, P. Bhattacharya², Y. Wen¹, N. Shi¹, T. Liu¹, W. Huang¹, Q. Xia¹, R. Mukherjee², R. Sutton²
¹West China Hospital, Sichuan University, Department of Integrated Traditional Chinese and Western Medicine, Sichuan Provincial Pancreatitis Centre and West China-Liverpool Biomedical Research Centre, West China Hospital, Sichuan University, China, ²Liverpool Pancreatitis Research Group, Institution of Translational Medicine, University of Liverpool, United Kingdom
- P2-040 **Investigation of CFTR and SLC26A6 transporters in the course of acute pancreatitis**
G. Fűr¹, L. Kiss¹, D. P. Kovács¹, E. R. Bálint¹, Z. Balla¹, V. Venglovecz², P. Pallagi³, J. Maléth³, P. Hegyi^{4, 5}, Z. Rakonczay Jr.¹
¹University of Szeged, Department of Pathophysiology, Hungary, ²University of Szeged, Department of Pharmacology and Pharmacotherapy, Hungary, ³University of Szeged, First Department of Medicine, Hungary, ⁴University of Szeged, MTA-SZTE Momentum Translational Gastroenterology Research Group, Hungary, ⁵University of Pécs, Institute for Translational Medicine, Hungary
- P2-041 **Characterization of the function of transient receptor potential melastatin 2 in mouse pancreatic acinar cells**
J. Fanczal¹, C. P. Biró¹, T. Madácsy¹, Z. Rakonczay², P. Hegyi^{3, 4}, J. Maléth⁵
¹University of Szeged, First Dept of Medicine and MTA-SZTE Momentum Epithel Cell Signalling and Secretion Research Group, Hungary, ²University of Szeged, Department of Pathophysiology, Hungary, ³University of Szeged, First Dept of Medicine, Hungary, ⁴University of Pécs, Department of Translational Medicine/1st Department of Medicine., Hungary, ⁵University of Szeged, First Dept of Medicine, MTA-SZTE Momentum Epithel Cell Signalling and Secretion Research Group and Department of Public Health, Hungary

- P2-042 Heat Shock Protein-90 in Acute Severe Pancreatitis: Potential Risk- Defining Marker**
A. Gulla^{1,2,3}, R. Budvytyte⁴, T. Ragaliauskas⁴, J. Razumiene⁴, K. Strupas^{3,5}
¹Vilnius University Hospital, Department of Gastroenterology, Surgery and Nephrology, Lithuania, ²Georgetown University Hospital, Department of Surgery, United States, ³Vilnius University, Faculty of Medicine, Lithuania, ⁴Vilnius University Life Sciences Center, Institute of Biochemistry, Lithuania, ⁵Vilnius University Hospital "Santaros Klinikos", Department of Gastroenterology, Surgery and Nephrology, Lithuania
- P2-043 Dimethyl trisulfide: a promising drug candidate in experimental acute pancreatitis**
L. Kiss¹, G. Für¹, A. Totunji¹, R. Pető¹, Z. Balla¹, E. R. Bálint¹, P. Pallagi², J. Maléth², V. Venglovecz³, P. Hegyi^{4,5}, Z. Rakonczay Jr¹
¹University of Szeged, Department of Pathophysiology, Hungary, ²University of Szeged, First Department of Medicine, Hungary, ³University of Szeged, Department of Pharmacology and Pharmacotherapy, Hungary, ⁴University of Szeged, MTA-SZTE Momentum Research Group, Hungary, ⁵University of Pécs, Institute for Translational Medicine, Hungary
- P2-044 Regulation of transcription factors in the ER stress recognition system during acute pancreatitis**
R. Bolsmann¹, F. U. Weiss¹, J. Mayerle^{1,2}, M. M. Lerch¹, M. Sendlir¹
¹University Medicine, Ernst-Moritz-Arndt-University Greifswald, Department of Medicine A, Germany, ²University Hospital Munich-Grosshadern of the LMU, Department of Medicine II, Germany
- P2-045 VX-770 and VX-809 restore the expression defect of cystic fibrosis transmembrane conductance regulator caused by alcohol**
A. Grassalkovich¹, J. Maléth¹, T. Madácsy¹, P. Pallagi¹, V. Venglovecz², Z. Rakonczay Jr.^{1,3}, P. Hegyi^{1,4}
¹University of Szeged, First Department of Medicine, Hungary, ²University of Szeged, Department of Pharmacology and Pharmacotherapy, Hungary, ³University of Szeged, Department of Pathophysiology, Hungary, ⁴University of Pécs, Institute for Translational Medicine, Hungary
- P2-046 Kynurenic acid and its novel analogue SZR-72 ameliorate experimental acute necrotizing pancreatitis in rats via NMDA-1 receptor**
Z. Balla¹, B. Kui², E. S. Kormányos¹, E. R. Bálint¹, L. Kiss¹, B. Iványi³, L. Vécsei^{4,5}, F. Fülöp^{6,7}, A. Harazin⁸, M. A. Deli⁸, V. Venglovecz⁹, T. Madácsy², J. Maléth², P. Hegyi^{2,10,11}, Z. Rakonczay Jr.¹
¹University of Szeged, Department of Pathophysiology, Hungary, ²University of Szeged, First Department of Medicine, Hungary, ³University of Szeged, Department of Pathology, Hungary, ⁴University of Szeged, Department of Neurology, Hungary, ⁵Hungarian Academy of Sciences – University of Szeged, Neuroscience Research Group, Hungary, ⁶University of Szeged, Institute of Pharmaceutical Chemistry, Hungary, ⁷Hungarian Academy of Sciences – University of Szeged, Stereochemistry Research Team, Hungary, ⁸Hungarian Academy of Sciences – Biological Research Centre, Molecular Neurobiology Research Unit, Hungary, ⁹University of Szeged, Department of Pharmacology and Pharmacotherapy, Hungary, ¹⁰University of Szeged, MTA-SZTE Transl. Gastroenterology Research Group, Hungary, ¹¹University of Pécs, Institute for Translational Medicine, Hungary
- P2-047 Morphological changes in the kidneys with experimental acute necrotizing pancreatitis (ANP)**
P. Rasputin¹, S. Abiola¹, S. Andreeva², E. Prokopyev¹
¹Kirov State Medical University, Surgery, Russian Federation, ²Kirov State Agricultural Academy, Pathology, Russian Federation

- P2-048 **Fentanyl impairs the severity of L-ornithine-induced experimental acute pancreatitis in rats**
E. R. Bálint¹, Z. Balla¹, B. Kui², L. Kiss¹, G. Fűr¹, V. Venglovecz³, P. Pallagi², J. Maléth², P. Hegyi^{4,5}, Z. Rakonczay Jr.¹
¹University of Szeged, Department of Pathophysiology, Hungary, ²University of Szeged, First Department of Medicine, Hungary, ³University of Szeged, Department of Pharmacology and Pharmacotherapy, Hungary, ⁴University of Pécs, Institute for Translational Medicine, Hungary, ⁵University of Pécs, MTA-SZTE Momentum Translational Gastroenterology Research Group, Hungary
- P2-049 **Matricellular protein SPARC determines severity but not regeneration of caerulein-induced pancreatitis in mice**
L. Wolf, R. Goetze, R. Roggiolani, I. Ramu, V. Ellenrieder, E. Hessmann, A. Neesse
University Medical Center Goettingen, Department of Gastroenterology and Gastrointestinal Oncology, Germany
- P2-050 **IRAK-M regulates the local and systemic immune responses in acute pancreatitis.**
F. G. Thiel, F. U. Weiss, M. M. Lerch, M. Sendler
University Medicine, Ernst-Moritz-Arndt-University Greifswald, Department of Medicine A, Germany
- P2-051 **Pink1-Parkin mediated Mitophagy in Acute Pancreatitis**
P. R. Wagh¹, M. Sendler¹, U. M. Mahajan², D. Jhon¹, F. U. Weiss¹, M. Lerch¹, J. Mayerle²
¹University of Medicine, Greifswald, Germany, ²Ludwig Maximilian University of Munich, Medizinische Klinik und Poliklinik II, Germany
- P2-052 **The effect of CFTR Cl⁻ channel in the exocrine/endocrine pancreas under pathological conditions**
A. Ébert¹, G. Stefán¹, E. Tóth², P. Pallagi², P. Hegyi^{2,3,4}, V. Venglovecz¹
¹University of Szeged, Department of Pharmacology and Pharmacotherapy, Hungary, ²University of Szeged, First Department of Medicine, Hungary, ³University of Szeged, MTA-SZTE Momentum Translational Gastroenterology Research Group, Hungary, ⁴University of Pécs, Institute for Translational Medicine/1st Department of Medicine, Hungary
- P2-053 **Depletion of CD4⁺ T-helper cells reduces pancreatic damage in two models of acute pancreatitis.**
J. Glaubitz¹, A. Wilden¹, C. van den Brandt¹, F. U. Weiss¹, J. Mayerle², M. M. Lerch¹, M. Sendler¹
¹University Medicine Greifswald, Department of Medicine A, Germany, ²Klinikum der LMU Munich-Grosshadern, Medizinische Klinik und Poliklinik II, Germany
- P2-054 **LMP7 immunoproteasome knockout mice show delayed inflammatory response during acute pancreatitis: protective or harmful effect?**
L. L. de Freitas Chama¹, F. Ulrich Weiß¹, E. Krüger², M. Lerch¹, M. Sendler¹
¹University Medicine, Ernst-Moritz-Arndt-University, Department of Medicine A, Germany, ²University Medicine, Ernst-Moritz-Arndt-University, Institute for Biochemistry and Molecular Biology, Germany
- P2-055 **Biliary micro-crystals cause NLRP3-mediated inflammasome activation**
P. Vetter¹, U. M. Mahajan¹, I. Regel¹, M. Sendler², G. Beyer¹, J. Mayerle¹
¹Universitätsklinikum der Ludwig-Maximilians-Universität, Klinikum Großhadern, Medizinische Klinik und Poliklinik II, Germany, ²Universitätsmedizin Greifswald, Ernst-Moritz-Arndt-Universität Greifswald, Klinik für Innere Medizin A, Germany

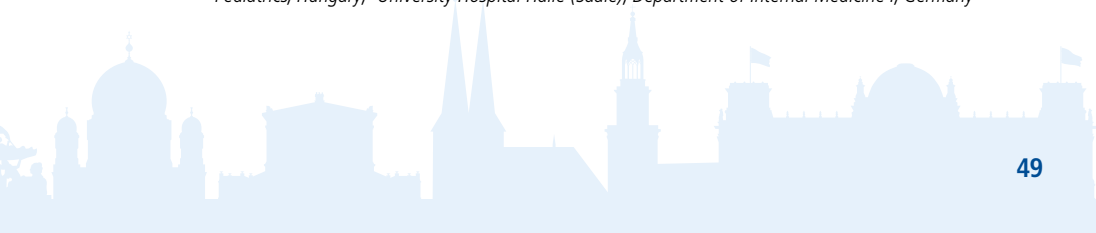
13:00–14:30

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P2.04

4. Genetics in pancreatic diseases

- P2-056 **Expression of the obestatin/G-protein coupled receptor 39 (GPR39) system in healthy and diseased human pancreas.**
L. Estévez-Perez¹, S. Leal-lopez¹, A. Sanchez-Temprano¹, B. Otero-Alen¹, C. Seoane-Mosteiro², R. Gallego- Gomez^{1,3}, I. Abdulkader-Nallib⁴, T. Garcia-Caballero^{1,4,5}, J. E. Dominguez-Muñoz^{1,6}, J. Perez-Camiña², Y. Pazos-Randulfe¹
¹Health Research Institute of Santiago de Compostela (IDIS), Digestive Diseases Research Group, Spain, ²Health Research Institute of Santiago de Compostela (IDIS), Cell Endocrinology, Spain, ³University of Santiago de Compostela, Morphological Sciences, Spain, ⁴University Hospital of Santiago de Compostela, Pathology, Spain, ⁵Health Research Institute of Santiago de Compostela (IDIS), Spain, ⁶University Hospital of Santiago de Compostela, Gastroenterology, Spain
- P2-057 **Subsequent malignant neoplasms among pancreatic cancer long-term survivors; new potential hereditary genetic alterations.**
M. Lovecek¹, M. Janatova², P. Skalicky¹, T. Zemanek³, O. Strouhal³, P. Zemankova², K. Lhotova², M. Borecka², J. Soukupova², H. Svebisova³, P. Soucek⁴, V. Hlavac⁴, Z. Kleibl², B. Mohelnikova-Duchonova³
¹Faculty of Medicine and Dentistry, Palacky University Olomouc, Department of Surgery I, Czech Republic, ²First Faculty of Medicine, Charles University, Institute of Biochemistry and Experimental Oncology, Czech Republic, ³Institute of Molecular and Translational Medicine, Faculty of Medicine and Dentistry, Palacky University, Department of Oncology, Czech Republic, ⁴Faculty of Medicine in Pilsen, Charles University, Biomedical center, Czech Republic
- P2-058 **CFTR mutations relevance on pancreatitis outcome: genotype-phenotype correlation and impact of associated factors**
S. Dermine¹, E. Girodon-Boulandet², P. Calame³, M. P. Vullierme³, T. Bienvenu², P. Ruszniewski¹, P. Levy¹, V. Rebours¹
¹Beaujon Hospital, Department of Pancreatology, France, ²Cochin Hospital, Molecular genetics laboratory, France, ³Beaujon Hospital, Department of Radiology, France
- P2-059 **Association between CEL-HYB1 allele and idiopathic/familial chronic pancreatitis in Polish pediatric patients.**
A. A. Kujko¹, G. Oracz², K. Fjeld³, K. Wejnarska², K. Wertheim-Tysarowska¹, E. Kołodziejczyk², J. Bal¹, W. Adamus-Białek⁴, D. Kozieł⁴, A. Kowalik⁵, S. Gluszek⁴, A. Molven³, A. M. Rygiel¹
¹Institute of Mother and Child, Department of Medical Genetics, Poland, ²The Children's Memorial Health Institute, Dept. of Gastroenterology, Hepatology and Feeding Disorders and Pediatrics, Poland, ³Haukeland University Hospital, Department of Medical Genetics, Norway, ⁴Jan Kochanowski University of Kielce, Department of Surgery and Surgical Nursing, Poland, ⁵Oncology Center of the Holy Cross, Department of Molecular Diagnostics, Poland
- P2-060 **Differences in CTRB1 and CTRB2 promotor activities imply new pathomechanism of associated pancreatitis risk.**
S. Beer¹, A. Demcsák², K. Seltsam¹, J. Mössner¹, J. Rosendahl³
¹University Hospital Leipzig, Division of Gastroenterology, Germany, ²University of Szeged, Department of Pediatrics, Hungary, ³University Hospital Halle (Saale), Department of Internal Medicine I, Germany



- P2-061 Follow-up as analysis tool of the potential long-term effects of SPINK, CTSC mutations in Acute Pancreatitis Patients**
D. Koziele¹, J. Matykievicz^{1,2}, M. Wawrszczak¹, M. Majchrzak¹, W. Adamus-Bialek¹, S. Gluszek^{1,2}
¹Jan Kochanowski University, Faculty of Medicine and Health Sciences, Poland, ²Voivodeship Hospital, Department of General, Oncological and Endocrinological Surgery, Poland
- P2-062 Impact of known SPINK1 missense variants on pre-mRNA splicing and/or mRNA stability in a full-length gene assay**
A. Boulling¹, H. Wu^{1,2,3}, W.-B. Zou^{1,2,3}, E. Masson¹, C. Férec¹, J.-M. Chen¹
¹UMR1078 "Génétique, Génomique Fonctionnelle et Biotechnologies", INSERM, EFS, Université de Brest, IBSAM, CHU de Brest, France, ²Department of Gastroenterology, Changhai Hospital, The Second Military Medical University, China, ³Shanghai Institute of Pancreatic Diseases, China
- P2-063 NGS sequencing as an efficient instrument of molecular genetic diagnostics in patients with chronic pancreatitis**
K. F. Khafizov¹, M. M. Litvinova^{1,2,3}, A. A. Ayginin¹, A. D. Matsvay¹, E. V. Pimkina¹, A. S. Speranskaya¹, G. A. Shipulin¹, L. V. Vinokurova³, K. A. Nikolskaya³, E. A. Dubtsova³, D. S. Bordin³
¹Central Research Institute of Epidemiology of Rospotrebnadzor, Russian Federation, ²I. M. Sechenov First Moscow State Medical University of the Russian Ministry of Health (Sechenov University), Department of Medical Genetics, Russian Federation, ³The Loginov Moscow Clinical Scientific Center of Moscow Health Department, Russian Federation
- P2-064 The polymorphic carboxyl-ester lipase (CEL) gene: novel copy number variants (CNVs) identified by both classical and high-throughput genetic analysis**
K. Fjeld^{1,2}, E. M. Masson^{3,4}, P. Michl⁵, T. Stokowy², H. Lin^{6,7}, S. J. Steine⁸, B. B. Johansson¹, M. Dalva^{2,8}, K. El Jellas⁸, C. Ruffert⁵, W.-B. Zou^{6,7}, Z.-S. Li^{6,7}, P. R. Njølstad¹, J.-M. Chen^{3,9,10}, Z. Liao^{6,7}, S. Johansson^{1,2}, J. Rosendahl⁵, C. Férec^{3,4,9,10}, A. Molven⁸
¹University of Bergen, Department of Clinical Science, Norway, ²Haukeland University Hospital, Department of Medical Genetics, Norway, ³Institut National de la Santé et de la Recherche Médicale (INSERM), U1078, France, ⁴Centre Hospitalier Régional Universitaire (CHRU) Brest, Laboratoire de Génétique Moléculaire et d'Histocompatibilité, France, ⁵Martin Luther University, Department of Internal Medicine I, Germany, ⁶The Second Military Medical University, Department of Gastroenterology, China, ⁷Shanghai Institute of Pancreatic Diseases, China, ⁸University of Bergen, Department of Clinical Medicine, Norway, ⁹Etablissement Français du Sang – Bretagne, France, ¹⁰Université de Bretagne Occidentale, Faculté de Médecine et des Sciences de la Santé, France
- P2-065 Different effects of frameshift mutations occurring in the repeat region of the pancreatic enzyme carboxyl ester lipase (CEL)**
A. Gravdal^{1,2,3}, R. S. Brekke^{1,3}, K. El Jellas^{1,3,4}, X. Xiao⁵, M. E. Lowe⁵, D. Lombardo⁶, E. Mas⁶, B. B. Johansson^{1,7}, K. Fjeld^{1,2}, A. Molven^{1,3,4}
¹KG Jebsen Center for Diabetes Research, Department of Clinical Science, University of Bergen, Norway, ²Department of Medical Genetics, Haukeland University Hospital, Norway, ³Gade Laboratory for Pathology, Department of Clinical Medicine, University of Bergen, Norway, ⁴Department of Pathology, Haukeland University Hospital, Norway, ⁵Department of Pediatrics, Washington University School of Medicine, United States, ⁶Center for Research in Biological Oncology and Oncopharmacology, Aix-Marseille University, INSERM, CRO2, France, ⁷Department of Pediatrics, Haukeland University Hospital, Norway

13:00–14:30

Thursday, 14th June 2018

- P2-066 The PANcreatic Disease ReseArch (PANDoRA) consortium: an update**
 F. Canzian¹, O. Obazee¹, T. Hackert², J. P. Neoptolemos², O. Strobel², Y. K. Vashist^{3,4}, J. R. Izbicki³, R. Kaaks¹, H. Brenner¹, P. Hegyi^{5,6,7}, U. Boggi⁸, L. Morelli⁸, F. Bambi⁹, G. Capurso¹⁰, R. Pezzilli¹¹, A. Mambriani¹², C. Sperti¹³, A. Scarpa¹⁴, A. Andriulli¹⁵, G. M. Cavestro¹⁶, P. G. Arcidiacono¹⁶, A. Zerbi¹⁷, W. Greenhalf¹⁸, T. J. Key¹⁹, K.-T. Khaw²⁰, P. Vodicka²¹, P. Soucek²², B. Mohelnikova-Duchonova^{23,24}, M. Lovecek²³, E. Malecka-Panas²⁵, K. Jamrozak²⁵, J. Kupcinskas²⁶, M. Gazouli²⁷, O. Busch²⁸, C. H. van Eijck²⁹, H. B. Bueno-de-Mesquita³⁰, P. H. M. Peeters³¹, J. S. Johansen³², N. Gubergrits³³, K. Matsuo³⁴, S. Kikuchi³⁵, D. Campa³⁶
¹German Cancer Research Center (DKFZ), Germany, ²Heidelberg University Hospital, Germany, ³University Medical Center Hamburg-Eppendorf, Germany, ⁴Kantonsspital Aarau AG, Switzerland, ⁵University of Szeged, Hungary, ⁶University of Pécs, Hungary, ⁷MTA-SZTE Translational Gastroenterology Research Group, Hungary, ⁸Pisa University Hospital, Italy, ⁹Azienda Ospedaliero Universitaria Meyer, Italy, ¹⁰Sapienza University, Italy, ¹¹Sant'Orsola-Malpighi Hospital, Italy, ¹²Azienda USL Toscana Nord Ovest, Italy, ¹³University of Padova, Italy, ¹⁴University and Hospital Trust of Verona, Italy, ¹⁵IRCCS Scientific Institute and Regional General Hospital "Casa Sollievo della Sofferenza", Italy, ¹⁶IRCCS San Raffaele Scientific Institute, Italy, ¹⁷Humanitas Research Hospital, Italy, ¹⁸University of Liverpool, United Kingdom, ¹⁹University of Oxford, United Kingdom, ²⁰University of Cambridge, United Kingdom, ²¹Czech Academy of Science, Czech Republic, ²²Charles University, Czech Republic, ²³Palacky University, Czech Republic, ²⁴National Institute of Public Health, Czech Republic, ²⁵Medical University of Lodz, Poland, ²⁶Lithuanian University of Health Sciences, Lithuania, ²⁷National And Kapodistrian University of Athens, Greece, ²⁸Academic Medical Centre, Netherlands, ²⁹Erasmus Medical Center, Netherlands, ³⁰National Institute for Public Health and the Environment (RIVM), Netherlands, ³¹University Medical Center Utrecht, Netherlands, ³²Herlev Hospital, Denmark, ³³Donetsk National Medical University, Ukraine, ³⁴Aichi Cancer Center, Japan, ³⁵Aichi Medical University, Japan, ³⁶University of Pisa, Italy
- P2-067 The mutations of carboxypeptidase 1 predisposes to distinguishing patients with acute pancreatitis and pancreatic cancer**
 S. Gluszek^{1,2}, M. Wawszczak¹, M. Majchrzak¹, W. Adamus-Bialek¹, J. Klusek³, L. Nawacki³, D. Koziel¹
¹Jan Kochanowski University, Faculty of Medicine and Health Sciences, Poland, ²Voivodeship Hospital, Department of General, Oncological and Endocrinological Surgery, Poland, ³Jan Kochanowski University, Jan Kochanowski University, Poland
- P2-068 The common truncation variant p.W358X of the PNLIIPRP2 lipase is not associated with chronic pancreatitis**
 Z. G. Pesei^{1,2}, B. C. Nemeth^{1,2}, E. Hegyi^{1,3}, A. Szentesi^{2,3}, A. Vince⁴, D. Kelemen⁵, P. Hegyi^{2,3,6,7}, M. Sahin-Toth¹
¹Boston University Medical Campus, United States, ²University of Szeged, First Department of Medicine, Hungary, ³University of Pécs, Medical School, Institute for Translational Medicine, Hungary, ⁴University of Pécs, Medical School, Division of Gastroenterology, First Department of Medicine, Hungary, ⁵University of Pécs, Medical School, Department of Surgery, Hungary, ⁶University of Pécs, Medical School, Division of Translational Medicine, First Department of Medicine, Hungary, ⁷Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary



- P2-069 Genetic variability of the ABCC2 gene and overall survival in pancreatic cancer**
M. Gentiluomo^{1,2}, A. Galeotti^{1,2}, R. Pezzilli³, U. Boggi⁴, G. Capurso⁵, E. Małecka-Panas⁶, J. Kupcinskas⁷, M. Büchler⁸, A. Andriulli⁹, W. Greenhalf¹⁰, J. P. Neoptolemos⁸, A. Mambri¹¹, A. Scarpa¹², P. Soucek¹³, M. Lovecek¹⁴, B. Mohelnikova-Duchonova¹⁴, P. Puchalt García¹, O. Obazee², C. Pasquali¹⁵, O. Busch¹⁶, J. R. Izbicki¹⁷, Y. K. Vashist¹⁷, G. M. Cavestro¹⁸, P. Hegyi¹⁹, F. Canzian², D. Campa¹
¹University of Pisa, Department of Biology, Italy, ²German Cancer Research Center, Germany, ³Sant'Orsola-Malpighi Hospital, Italy, ⁴University Hospital of Pisa, Italy, ⁵Sapienza' University of Rome, Italy, ⁶Medical University of Lodz, Poland, ⁷Lithuanian University of Health Sciences, Lithuania, ⁸University Hospital Heidelberg, Germany, ⁹IRCCS "Casa Sollievo della Sofferenza", Italy, ¹⁰University of Liverpool, United Kingdom, ¹¹ASL1 Massa Carrara, Italy, ¹²University and Hospital Trust of Verona, Italy, ¹³National Institute of Public Health, Czech Republic, ¹⁴Palacky University and University Hospital, Czech Republic, ¹⁵University of Padua, Italy, ¹⁶University of Amsterdam, Netherlands, ¹⁷University Medical Center Hamburg-Eppendorf, Germany, ¹⁸Ospedale San Raffaele, Italy, ¹⁹University of Pécs, Hungary
- P2-070 Prevalence of Pancreatic Secretory Trypsin Inhibitor (SPINK1) gene mutation in patients with acute alcohol pancreatitis (AAP) compared to alcoholics and healthy controls**
A. Nikkola^{1,2}, K.-H. Herzig³, K. Mäkelä³, S. J. Mutt³, T. Lehtimäki^{4,5}, M. Kähönen^{2,6}, O. Raitakari⁷, I. Seppälä⁵, P. Paakkanen², H. Seppänen⁸, I. Nordback¹, J. Sand⁹, J. Laukkarinen^{1,2}
¹Tampere University Hospital, Department of Gastroenterology and Alimentary Tract Surgery, Finland, ²University of Tampere, Faculty of Medicine and Life Sciences, Finland, ³University of Oulu, Research Unit of Biomedicine and Biocenter of Oulu, Finland, ⁴University of Tampere, Faculty of Medicine and Life Sciences, Finland, ⁵Tampere University Hospital, Department of Clinical Chemistry, Finland, ⁶Tampere University Hospital, Department of Physiology, Finland, ⁷Turku University Hospital, Department of Clinical Physiology and Nuclear Medicine, Finland, ⁸Helsinki University Hospital, Department of Surgery, Finland, ⁹Päijät-Häme Central Hospital, Finland
- P2-071 DPC4, P53 and MTAP expression in patients with locally advanced and metastatic pancreatic cancer**
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- P2-072 Novel chymotrypsin C (CTRC) variant c.173C>T (p.T58M) in a case of late onset recurrent acute pancreatitis**
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- P2-073 Pre-existing diabetes elevates risk of local and systemic complications in acute pancreatitis**
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- P2-074 Diagnostic criteria for acute pancreatitis should be reconsidered in patients with diabetes mellitus**
K. Kárász¹, B. Erőss², M. Papp³, P. Mátrai⁴, K. Márta⁵, D. Pécsi¹, D. Illés⁶, C. József⁷, E. Fehér³, E. Darvasi⁶, Z. Szepes⁸, T. Takács⁶, P. Sarlós⁷, J. Hamvas⁹, L. Gajdán¹⁰, F. Izbéki¹⁰, Á. Vince⁷, A. Szentesi⁵, A. Párniczky^{1,11}, P. Hegyi^{1,6,12,13}
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- P2-075 Development of antidiabetic poly herbal sustained release formulation composed of traditional indian plant extract with their protective effect on antioxidant enzyme**
A. Jain¹, S. Bhargav², S. JAIN¹
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- P2-076 Mechanisms and possible Treatment Strategies for Pancreatogenic (Type 3c) Diabetes**
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- P2-077 Formulation and evaluation of embelin loaded pectin nanoparticles for the treatment of diabetes.**
S. Jain¹, A. Jain¹, S. Bhargav²
¹Bhagyoday Tirth Pharmacy College, India, ²United College of Pharmacy, Pharmacy, India
- P2-078 Pancreatogenic Diabetes: Peculiarities in Diagnosis and Treatment**
N. Ewald¹, P. Hardt², D. Andersen³
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- P2-079 **Preparation And Evaluation Of Eudragit Coated Chitosan Microparticles For Oral Insulin Delivery**
A. Jain¹, S. Bhargav², S. JAIN¹
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- P2-080 **Pancreatogenic diabetes mellitus – prevalence and risk factors**
D. V. Balaban^{1,2}, A. Zoican², M. Ciochina², G. Robu², I. P. Nuta², R. S. Costache^{1,2}, F. Ionita-Radu², M. Jinga^{1,2}
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- P2-081 **Evaluation of antidiabetic and hypolipidemic activity of cedrus deodara and embelia ribes with their synergistic effects**
S. Jain¹, A. Jain¹, S. Bhargav²
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- P2-082 **Risk of acute pancreatitis after Sitagliptin, a Dipeptidyl Peptidase - 4 Inhibitors**
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- P2-083 **Secondary diabetes due to pancreatectomy**
A. Gherbon, R. Timar
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- P2-084 **Relationships between adipocytokinemias and exocrine pancreatic insufficiency in patients with combined course of type 2 diabetes mellitus and chronic pancreatitis**
I. Shekhovtsova, L. Zhuravlyova
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6. Endoscopy

- P2-085 **Increased resistance against ciprofloxacin-metronidazole in cholangitis**
D. Illés¹, A. Lázár², E. Ivány¹, E. Urbán², L. Czákó¹
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- P2-086 **Diagnostic efficacy of liquid-based cytology in endoscopic ultrasound-guided fine-needle aspiration for solid pancreas lesion: Single academic institution experience**
Y. S. Lee, J. H. Son, N.-H. Kim, W. K. Bae, J. S. Lee, K.-A. Kim, J. W. Kim
Inje University Ilsan Paik Hospital, Inje University College of Medicine, Internal Medicine, South Korea
- P2-087 **Endoscopic Ultrasound-Guided Fine Needle Aspiration of solid and cystic lesions of the pancreas - A retrospective comparison with postoperative histology**
L. Volovnik-Jose¹, L. Calavrezos², C. Jäger², C. Schlag¹, R. M. Schmid¹, G. Weirich³, H. Friess², G. Ceyhan²
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- P2-088 Endoscopic Ultrasound-guided Drainage without Fluoroscopy for peripancreatic fluid collections**
H. S. Nam¹, H. W. Kim¹, **D. H. Kang¹**, C. W. Choi¹, S. J. Kim¹, S. B. Park¹, H. J. Kim¹, J. S. Choi²
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- P2-089 EUS-FNA wet technique for the pre-operative diagnosis of 31 solid pancreatic tumors: Pisa experience**
D. Gambaccini¹, **M. Palmeri²**, N. Furbetta², G. Di Franco², D. Gianardi², S. Guadagni², M. Bianchini², N. Funel³, D. Campani³, G. Di Candio², C. Fabbri¹, S. Russo¹, G. Bresci¹, S. Marchi¹, E. Marciano⁴, F. Mosca⁵, L. Morelli^{2,5}
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- P2-090 Endoscopic ultrasound-guided drainage of pancreatic collections: single center experience**
P. Macinga¹, K. Poc², P. Stirand¹, P. Wohl¹, P. Drastich¹, J. Martinek¹, P. Taimr¹, V. Nosek³, J. Spicak¹, T. Hucl¹
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- P2-091 The additive value of endoscopic ultrasound (EUS) fine needle aspiration (FNA) cytology in differential diagnosis of pancreatic cystic lesions (PCL) in a tertiary-care centre**
G. Rossi¹, M. C. Petrone¹, M. Traini¹, A. Mariani¹, S. G. G. Testoni¹, C. Doglioni², P. G. Arcidiacono¹
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- P2-092 Usefulness and complication of needle knife fistulotomy for rescue therapy**
D. H. Kang¹, H. S. Nam¹, C. W. Choi¹, H. W. Kim¹, S. B. Park¹, J. H. Ko¹, Y. J. Lee¹, J. S. Choi²
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- P2-093 Prevention of acute pancreatitis after endoscopic balloon dilatation in patients with choledocholithiasis**
A. Steshenko¹, A. Klymenko¹, V. Klymenko²
¹Zaporizhzhya State Medical University, Faculty Surgery, Ukraine, ²Zaporizhzhya State Medical University, Hospital Surgery, Ukraine
- P2-094 Minimally invasive and endoscopic methods of treatment of postnecrotic pseudocysts of pancreas**
N. Omelchuk
Ivano-Frankivsk National Medical University, General surgery, Ukraine

- P2-095** Postoperative interventional endoscopy for the remnant pancreas of patients who have undergone pancreaticoduodenectomy
J. Matsui, Y. Takigawa
Tokyo Dental College Ichikawa General Hospital, Surgery, Japan
- P2-096** Double balloon enteroscopy in diagnostic and correction of complication of resection-draining operation in chronic pancreatitis
A. Varabei^{1,2}, A. Shuleika^{1,2}, Y. Vizhinis^{1,2}, Y. Arlouski^{1,2}, M. Makki^{1,2}
¹BelMAPE, Surgery, Belarus, ²Minsk regional clinical hospital, Surgery, Belarus
- P2-097** The relationship between hyperechogenic pancreas and obesity
D. H. Kang¹, H. S. Nam¹, C. W. Choi¹, H. W. Kim¹, S. B. Park¹, S. J. Kim¹, B. J. Kwon¹, J. S. Choi²
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- P2-206** Hungarian ERCP registry for quality control and benchmarking
D. Pécsi¹, S. Gódi², F. Pakodi², A. Szentesi^{1,3}, P. Hegyi^{1,3,4,5}, Á. Vincze²
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7. Cystic lesions of the pancreas

- P2-098** Prevalence of cystic lesions and other morphological pancreatic abnormalities in type 2 diabetes mellitus patients
K. Overbeek¹, N. Krak², I. Pieters³, M. Smits⁴, R. Bent⁴, D. Van Raalte⁴, M. Bruno¹, D. Cahen¹
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- P2-099** T cells infiltrates evolve during pancreatic carcinogenesis of intraductal papillary mucinous neoplasms
K. Zamzow¹, S. Roth¹, M. Heckler¹, J. Cui¹, M. Heikenwälder², M. Gaida³, M. Büchler¹, C. W. Michalski⁴, T. Hackert¹
¹University Hospital Heidelberg, Department of Surgery, Germany, ²Deutsches Krebsforschungszentrum, Division of Chronic Inflammation and Cancer, Germany, ³University Hospital Heidelberg, Department of Pathology, Germany, ⁴University Hospital Halle, Department of Surgery, Germany
- P2-100** Reducing pancreatic cyst surveillance: development of the Dutch American Risk stratification Tool (DART-I) to identify IPMN with low risk to progress and fulfill resection criteria
K. Overbeek¹, M. Alblas², V. Gausman³, P. Kandel⁴, C. Brooks⁵, P. Van Riet¹, M. Wallace⁴, T. Gonda⁵, D. Cahen¹, M. Bruno¹
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- P2-101 **Serum Protein profile in IPMN**
H. Nieminen¹, M. Saraswat², S. Joenväärä², A. Ristimäki³, H. Seppänen¹, C. Haglund¹, R. Renkonen²
¹Helsinki University Hospital, Dept. of Surgery, Finland, ²University of Helsinki, Medicum, Finland, ³Helsinki University Hospital, Department of Pathology, Finland
- P2-102 **The actual incidence of symptoms due to Pancreatic Cystic neoplasms: Are we overestimating a major indication for surgery? A prospective propensity matched cohort analysis**
S. Andrianello, G. Marchegiani, E. Secchettin, G. Malleo, C. Bassi, R. Salvia
University of Verona, General and Pancreatic Surgery - The Pancreas Institute, Italy
- P2-103 **Sonographic evaluation of cystic formations in pancreas**
O. Babii, B. Schevchenko, I. Konenko, H. Tuzko, S. Ushchina
SI "Institute of Gastroenterology of NAMS of Ukraine", department of surgery of digestive, Ukraine
- P2-104 **The role of age in pancreatic intraductal papillary neoplasms: same survival but different implications for the management**
S. Andrianello, G. Marchegiani, G. Perri, T. Pollini, A. Caravati, E. Secchettin, G. Malleo, C. Bassi, R. Salvia
University of Verona, General and Pancreatic Surgery - The Pancreas Institute, Italy
- P2-105 **Pre-operative Cytologic Diagnosis of Pancreatic Cystic Lesions: Value of Molecular Analysis**
L. Haeberle, L. Frohn, W. Goering, N. Ramirez, M. Schramm, N. Pomjanski, I. Esposito
Institute of Pathology, Heinrich Heine University and University Hospital Duesseldorf, Germany
- P2-106 **Is main pancreatic duct dilation really an independent risk factor for malignancy in main-duct and combined-IPMNs?**
F. Aleotti¹, S. Crippa¹, A. Piccioli², E. Longo¹, F. Di Salvo¹, M. Schiavo Lena¹, M. C. Petrone¹, G. Balzano¹, P. Arcidiacono¹, C. Rubini³, G. Zamboni⁴, C. Doglioni¹, M. Falconi¹
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- P2-107 **Progression of Pancreatic Branch Duct Intraductal Papillary Mucinous Neoplasm Associates With Cyst Size**
J.-Y. Jang
Seoul National University Hospital, Department of Surgery, South Korea
- P2-108 **Perioperative analysis and long term results of complications after surgical therapy of IPMN**
C. Chiminazzo, E. Birgin, A. Rech, C. Reissfelder, F. Rückert
University of Mannheim, Surgery Department, Germany
- P2-109 **Pancreatic cystic lesions in diabetes mellitus patients**
M. Lipinski, M. Rozek, M. Sznurkowska, E. Jozefik, M. Degowska, G. Rydzewska
Central Clinical Hospital of the Ministry of Interior, Department of Gastroenterology, Poland
- P2-110 **Reappraisal of main pancreatic duct in IPMN under surveillance: dilatation alone is not an absolute indication for surgery**
S. Andrianello¹, G. Marchegiani¹, G. Morbin¹, E. Secchettin¹, M. D'Onofrio², R. De Robertis², G. Malleo¹, C. Bassi¹, R. Salvia¹
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- P2-111** **Diagnosis and treatment of solid-pseudopapillary tumors of the pancreas: a single institution experience with 97 cases**
J. Wei, P. Wang, J. Wu, W. Xu, Q. Chen, W. Gao, K. Jiang, Y. Miao
Nanjing Medical University, Pancreas Center, China
- P2-112** **Abdominal ultrasound scan for the follow-up of pancreatic cystic lesions: could it play a role as a safe and cost-saving alternative to the routine MRI?**
L. Morelli^{1,2}, M. Palmeri¹, S. Guadagni¹, R. Pisano³, V. Borrelli³, G. Di Franco¹, N. Furbetta¹, D. Gianardi¹, M. Bianchini¹, D. Gambaccini⁴, S. Marchi⁴, L. E. Pollina⁵, N. Funel⁵, A. Campatelli³, F. Mosca², G. Di Candio¹
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- P2-113** **SCN, MCN and SPN – sex specific differences in pancreatic cysts (other than IPMN).**
C. Tjaden¹, U. Heger¹, D. Schneider², U. Hinz¹, O. Strobel¹, M. W. Büchler¹, T. Hackert¹
¹University Hospital Heidelberg, Surgery, Germany, ²University Hospital Heidelberg, Radiology, Germany
- P2-114** **Effect of Aspirin, ACE Inhibitors/Sartans and Statins use on the progression of BD-IPMN in follow up: a multicenter study**
R. Valente^{1,2}, S. Crippa³, G. Vanella¹, G. Zerboni¹, A. Fogliati³, U. Arnelo², M. Falconi³, G. Capurso¹, M. Del Chiaro²
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- P2-115** **Risk factors for malignancy and long term follow-up after resected pancreatic cystic neoplasms in Finland.**
Y. Vaalavuori¹, A. Anttila¹, R. Ahola¹, A. Siiki¹, M. Vornanen², M. Ukkonen¹, J. Sand³, J. Laukkanen^{1,4}
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- P2-116** **Use of ultrasound elastography in differential diagnosis of pancreatic cystic lesions**
A. Koshel¹, T. Dibina², E. Drozdov³
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- P2-117** **Functional insufficiency of the pancreas and the metabolic activity of the microbiota in cystic fibrosis adults patients**
L. Vinokurova¹, G. Baimakanova¹, S. Krasovsky², S. Silvestrova¹, G. Varvanina¹, E. Dubtsova¹, D. Bordin¹
¹A.S. Loginov Moscow Clinical Scientific Center, Russian Federation, ²Research Institute of Pulmonology, Russian Federation

- P2-118 Intratumour heterogeneity in pancreatic cancer following neoadjuvant chemotherapy**
C. S. Verbeke^{1,2}, L. T. Dorg¹, E. Pomianowska³, K. J. Labori⁴, E. H. Kure⁵, O. C. Lingjærde⁶, I. P. Gladhaug^{4,7}
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- P2-119 Postoperative bile fistula after pancreaticoduodenectomy (PD) for malignant tumors of the pancreatic head.**
F. Scheufele, C. Jäger, E. Demir, S. Schorn, E. Tieftrunk, M. Sargut, H. Friess, G. O. Ceyhan
Klinikum rechts der Isar, Technical University of Munich, Department of Surgery, Germany
- P2-120 Pre-diagnostic Erythrocyte Cadmium, Selenium, and Zinc Levels and Pancreatic Cancer Risk in Europe**
E. Duell¹, L. Lujan-Barroso¹, M. Outzen², O. Raaschou-Nielsen², M. Jenab³, M. Sund⁴, I. Bergdahl⁵, on behalf of EPIC investigators
¹Catalan Institute of Oncology (ICO-IDIBELL), Unit of Nutrition and Cancer, Spain, ²Danish Cancer Society Research Center, Diet, Genes and Environment, Denmark, ³International Agency for Research on Cancer, Nutritional Epidemiology Group, France, ⁴Umeå University, Department of Surgery, Sweden, ⁵Umeå University, Department of Public Health and Clinical Medicine, Occupational and Environmental Medicine, Sweden
- P2-121 Small pancreatic ductal adenocarcinoma: our experience with emphasis on clinical and oncological outcomes**
F. Selvaggi, M. Bellobono, A. Umbriano, S. Cericola, V. Casolino, E. De Nicola, F. Marchionni, E. Angelini, S. Di Russo, C. Baccaro, R. Cotelleso, L. Mazzola
ASL2 Lanciano-Vasto-Chieti, Division of Surgery, Italy
- P2-122 Impact of preoperative Body Mass Index on postoperative outcome and long-term survival in 1,675 patients undergoing pancreatic resections for underlying malignancy**
P. Seika, F. Klein, J. Pratschke, M. Bahra, T. Malinka
Campus Charité Mitte | Campus Virchow-Klinikum, Charité Universitätsmedizin, Department of Surgery, Germany
- P2-123 Pylorus preserving duodenopancreatectomy with pancreaticogastrostomy-initial experiences**
V. Djordjevic, N. Lekic, A. Ninic, N. Zaric, M. Kerkez, D. Radenkovic
Clinical Center Serbia, First Surgical Clinic, Serbia
- P2-124 Stroma and Immune cell infiltration are increased in pancreatic carcinoma after neoadjuvant therapy**
L. Xie, L. Xia, U. Klaiher, M. Sachsenmaier, O. Strobel, M. W. Büchler, F. Fortunato, T. Hackert
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- P2-125** Increased incidence of postoperative pancreatic fistula (POPF) after pancreaticoduodenectomy (PD) in patients with distal bile duct cancer and ampullary cancer vs. adenocarcinoma of the pancreas.
F. Scheufele, C. Jäger, E. Demir, S. Schorn, E. Tieftrunk, M. Sargut, H. Friess, G. O. Ceyhan
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- P2-126** A multidisciplinary approach to familial pancreatic cancer enriches the proportion of patients with genetically confirmed pancreatic cancer susceptibility
G. M. Cavestro¹, A. Mannucci¹, R. A. Zupardo¹, S. Crippa², M. Reni³, S. Zanon³, M. Zambetti³, M. G. Patricelli⁴, A. Russo Raucchi⁴, M. di Leo⁵, F. de Cobelli⁶, P. G. Arcidiacono⁷, L. Gianni³, P. A. Testoni¹, M. Falconi²
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- P2-127** Frequency of symptoms in different stages of pancreatic cancer
S. Krstevski
Medical Faculty Skopje, Macedonia, the former Yugoslav Republic of
- P2-128** Adjuvant chemotherapy after surgery for invasive Intraductal papillary mucinous neoplasms of the pancreas: the potential survival benefit depends on the specific subtype
G. Marchegiani, C. Dal Borgo, S. Andrianello, E. Secchettin, D. Melisi, G. Malleo, C. Bassi, R. Salvia
Verona University, Surgery, Italy
- P2-129** 18 FDG PET/CT derived prognostic parameters in patients with pancreatic cancer
E. Mohamed¹, B. Sanghera², W. Wong², P. Ghaneh¹
¹University of Liverpool, Molecular and clinical cancer medicine, United Kingdom, ²East and North Hertfordshire NHS trust, Department of radiology and nuclear medicine, United Kingdom
- P2-130** Nationwide treatment, outcome and predictors for survival in distal cholangiocarcinoma
M. Strijker¹, A. Belkhouz², L. van der Geest³, O. Busch¹, T. van Gulik¹, J. Verheij⁴, J. Wilmink², B. Groot Koerkamp⁵, H.-J. Klümpen², Dutch Pancreatic Cancer Group, M. Besselink¹
¹Cancer Center Amsterdam, Academic Medical Center, University of Amsterdam, Department of Surgery, Netherlands, ²Cancer Center Amsterdam, Academic Medical Center, University of Amsterdam, Department of Medical Oncology, Netherlands, ³Netherlands Comprehensive Cancer Organization (IKNL), Department of research, Netherlands, ⁴Cancer Center Amsterdam, Academic Medical Center, University of Amsterdam, Department of Pathology, Netherlands, ⁵Erasmus Medical Center, Department of Surgery, Netherlands
- P2-131** Drug Repurposing as a Source of Innovative Therapies in Pancreatic Cancer
P. Pantziarka^{1,2}, G. Bouche¹, I. Rooman^{1,3}
¹Anticancer Fund, Belgium, ²The George Pantziarka TP53 Trust, United Kingdom, ³Vrije Universiteit Brussel, Belgium

- P2-132 Pancreas resection with vein reconstruction - PTFE versus autografts**
M. Durlík, G. Witkowski, A. Maliszewska, A. Surowiecka-Pastewka, I. Ziobrowski, M. Derejska, M. Matejak-Górska, T. Chelchowski
Central Clinical Hospital, Ministry of the Interior in Warsaw, Poland, Department of General and Transplantation Surgery, Poland
- P2-133 PAMPAC Trial: Occurrence of pain and quality of pain management in pancreatic cancer patients across Europe.**
M. Damm¹, A.-K. Kölsch¹, M. Weniger², S. Schorn³, J. Moir⁴, P. Michl¹, G. O. Ceyhan³, J. Rosendahl¹
¹University Hospital Halle, Department of Internal Medicine I, Germany, ²University Hospital of Munich (LMU), Department of General, Visceral and Transplantation Surgery, Germany, ³Klinikum rechts der Isar, Department of Surgery, Germany, ⁴Freeman Hospital, Departments of Hepatopancreatobiliary and Transplant Surgery, United Kingdom
- P2-134 Definition of age dependent reference values for diameter of the common bile duct and pancreatic duct on MRCP from a population based cohort study**
G. Beyer¹, F. Kasproicz², A. Hannemann³, A. Aghdassi², H. Völzke⁴, T. Kohlmann⁴, J.-P. Kühn⁵, M. M. Lerch², J. Mayerle¹
¹University Hospital LMU, Munich, Medical Department II, Germany, ²University Medicine Greifswald, Medical Department A, Germany, ³University Medicine Greifswald, Department of Clinical Chemistry, Germany, ⁴University Medicine Greifswald, Department of Community Medicine, Germany, ⁵University Medicine Greifswald, Center of Radiology, Germany
- P2-135 Pancreatic cancer treatment predicted for the recurrence type and CA19-9 value**
J. Itakura, M. Watanabe, N. Hosomura, H. Amemiya, H. Kawaida, H. Okamoto, H. Kohno, D. Ichikawa
University of Yamanashi, Surgery, Japan
- P2-137 Platelet rich fibrin sealant Vivostat® in pancreatic surgery**
P. Moravčík, J. Hlavsá, Z. Kala, L. Kunovský, V. Procházka, A. Kodýtková, M. Potrusil
University Hospital Brno Bohunice, Department of Surgery, Czech Republic
- P2-138 Efficacy and safety comparison of nabpaclitaxel plus s-1 and gemcitabine plus s-1 as first-line chemotherapy for metastatic pancreatic cancer**
W. Lou¹, Y. Zhou², X. Guo², Y. Xu¹
¹Zhongshan Hospital, Fudan University, Department of Pancreatic Surgery, China, ²Zhongshan Hospital, Fudan University, department of Oncology, China
- P2-139 Plasma suPAR may distinguish pancreatic cancer from a benign pancreatic disease.**
A. Aronen¹, J. Aittoniemi², R. Huttunen³, A. Nikkila¹, I. Rinta-Kiikka^{4,5}, J. Nikkila¹, O. Linnell⁵, I. Nordback¹, J. Sand¹, J. Laukkanen^{1,5}
¹Tampere University Hospital, Department of Gastroenterology and Alimentary Tract Surgery, Finland, ²Fimlab Laboratories, Finland, ³Tampere University Hospital, Department of Internal Medicine, Finland, ⁴Tampere University Hospital, Department of Radiology, Finland, ⁵University of Tampere, Faculty of Medicine and Life Sciences, Finland
- P2-140 Impact of intraoperative microbiological smear analysis of bacterial bile and pancreatic juice colonization on postoperative outcome in patients undergoing pancreaticoduodenectomy for periaampullary malignancy**
K. Alqasim, F. Klein, T. Malinka, J. Pratschke, M. Bahr
Charité Universitätsmedizin, Department of Surgery, Campus Charité Mitte | Campus Virchow-Klinikum, Germany

- P2-141** **PrEoperAtive biliaRy (PEAR) drainage in malignant biliary obstruction – an observational cohort study to establish a novel score system to evaluate the necessity of biliary decompression prior to operation - study proposal**
T. Marjai¹, Á. Szűcs¹, P. Hegyi^{2,3}, Hungarian Pancreatic Study Group
¹Semmelweis University, 1st Department of Surgery, Hungary, ²University of Pécs, Institute for Translational Medicine, Hungary, ³University of Pécs, Department of Translational Medicine, First Department of Medicine, Hungary
- P2-142** **IO US and ICG gastroscopy are more useful than preoperative common hepatic artery occlusion for assessment of liver and stomach blood supply during distal pancreatectomy with celiac artery resection. Experience of 115 CHA clampings and 25 DP CARS**
V. Egorov¹, R. Petrov¹, J. Zhurina²
¹Bakhrushin Brothers City Hospital, Surgical oncology, Russian Federation, ²Bakhrushin Brothers City Hospital, Radiology, Russian Federation
- P2-143** **Preoperative biomarker panel distinguishes PDAC from IPMN**
N. Mattila^{1,2,3}, H. Seppänen², C. Haglund², H. Mustonen², B. Przybyla³, R. Lassila³
¹University of Helsinki, Finland, ²Helsinki University Hospital, Dept. of Surgery, Finland, ³Helsinki University Hospital, Coagulation Disorders Unit, Department of Hematology, Comprehensive Cancer Center, Finland
- P2-144** **Stereotactic Body Radiation Therapy For Unresectable Locally Advanced Pancreatic Cancer: Clinical Outcomes On 100 Patients**
T. Comito¹, C. Franzese¹, E. Clerici¹, L. Di Brina¹, A. Zerbi², M. Scorsetti¹
¹HumanitasResearch Hospital, Radiotherapy and Radiosurgery, Italy, ²HumanitasResearch Hospital, Pancreatic Surgery, Italy
- P2-145** **Efficacy and Safety of nab-Paclitaxel in Combination with Gemcitabine in Korean Patients with Metastatic Pancreatic Cancer**
J.-K. Ryu, M. Yoo, S. H. Lee, Y.-T. Kim
 Seoul National University College of Medicine, Internal Medicine, South Korea
- P2-146** **Patient Stratification and Precision Medicine in Pancreatic cancer: a gene blood-signature for gemcitabine treatment**
D. Piquemal
 ACOBIOM, France
- P2-147** **Alpha smooth muscle actin (αSMA) immunohistochemistry use in the differentiation of pancreatic cancer from chronic pancreatitis.**
K. Winter¹, J. Strzelczyk², M. Dzieńiecka³, M. Wągrow ska - Danilewicz⁴, M. Danilewicz⁴, E. Małecka - Panas⁵
¹Medical University of Lodz, Department of Digestive Tract Diseases, Poland, ²Medical University of Lodz, Department of General and Transplant Surgery, Poland, ³Polish Mother's Memorial Hospital, Department of Clinical Pathomorphology, Poland, ⁴Medical University of Lodz, Department of Nephropathology, Division of Morphometry, Poland, ⁵Medical University of Lodz, Department of Digestive Tract Diseases, Poland
- P2-148** **Prognostic role of the parenchymal frozen transection margin during pancreatic-oduodenectomy for ductal pancreatic adenocarcinoma**
G. Guarneri¹, S. Crippa¹, D. Tamburrino¹, S. Partelli¹, G. Balzano¹, M. Mazza¹, C. Doglioni², C. Rubini³, G. Zamboni⁴, M. Palucci¹, G. Gasparini¹, M. Falconi¹
¹San Raffaele Hospital, Pancreas Translational & Clinical Research Center, Italy, ²San Raffaele Hospital, Pathology, Italy, ³Torrette Hospital, Pathology, Italy, ⁴Sacro Cuore Don Calabria Hospital, Pathology, Italy

13:00–14:30

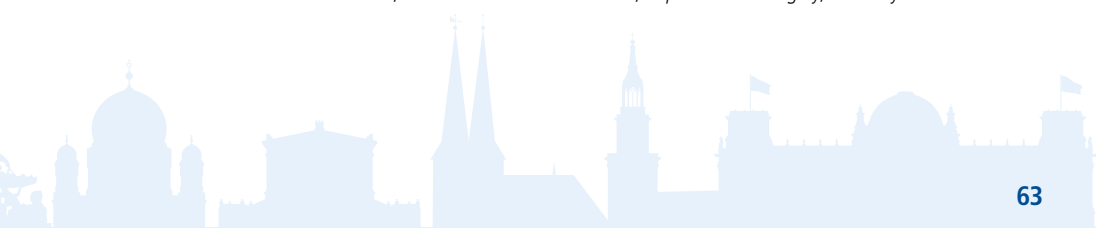
Thursday, 14th June 2018

- P2-149 **Tumor Regression Grade (TRG) evaluation of 29 borderline/locally advanced pancreatic cancers (LAPCs) after neoadjuvant chemotherapy (NACT) using different pathological scores: a clinical and prognostic correlation**
A. Cacciato Insilla¹, C. Vivaldi¹, C. Lombardo², U. Boggi², E. Vasile³, D. Campani¹
¹University of Pisa, Department of Surgical, Medical and Molecular Pathology and Critical Care Medicine, Italy, ²University of Pisa, Department of Translational Research and of New Surgical and Medical Technologies, Italy, ³Azienda Ospedaliero Universitaria Pisana, Medical Oncology Unit, Italy

P2.09

9. Experimental pancreatic cancer I

- P2-150 **Perineural Invasion in Pancreatic Ductal Adenocarcinoma**
G. Gasparini^{1,2}, R. La Marca¹, M. Schiavo Lena³, S. Crippa², C. Doglioni³, M. Falconi², C. Taveggia¹
¹San Raffaele Scientific Institute, Division of Neuroscience and INSPE, Italy, ²San Raffaele Scientific Institute, Pancreatic Surgery Unit, Italy, ³San Raffaele Scientific Institute, Pathology Unit, Italy
- P2-151 **Tissue characterization of components of the antigen processing machinery in pancreatic ductal adenocarcinoma**
F. Marchesi^{1,4}, G. Donisi^{1,2,3}, G. F. Castino¹, G. Capretti², N. Cortese¹, F. Gavazzi², C. Ridolfi², G. Nappo², G. Maggi^{1,4}, C. R. Ferrone⁵, S. Ferrone⁵, A. Zerbi^{2,3}
¹Humanitas Clinical and Research Center, Immunology and Inflammation, Italy, ²Humanitas Clinical and Research Center, Pancreatic Surgery Unit, Italy, ³Humanitas University, Italy, ⁴University of Milan, Medical Biotechnology and Translational Medicine, Italy, ⁵Massachusetts General Hospital, Harvard Medical School, Surgery, United States
- P2-152 **Epigenetic reprogramming to overcome heterogeneity of pancreatic tumor cell subtypes**
A. Kirmayr¹, U. M. Mahajan¹, S. Pichlmeier¹, S. Benitz¹, J. D'Haese², J. Mayerle¹, I. Regel¹
¹University Hospital, LMU Munich, Department of Medicine II, Germany, ²University Hospital, LMU Munich, Department of General, Visceral and Transplantation Surgery, Germany
- P2-153 **Pancreatic cancer cells enrich phospho-paxillin in their filopodia during neural invasion**
X. Wang, S. Teller, I. E. Demir, H. Friess, G. O. Ceyhan
Klinikum rechts der Isar, Technische Universität Munich, Department of Surgery, Germany
- P2-154 **High PRDX3 expression is associated with pancreatic adenocarcinoma aggressiveness and can be targeted by a novel therapeutic strategy**
J. Raffenne¹, F. A. Martin², M. Conta², A. Sauvanet^{1,3}, P. Hammel^{1,4}, P. Bedossa¹, V. Paradis^{1,5}, A. Couvelard^{1,6}, J. Cros^{1,5}
¹inserm u 1149, France, ²Mediterranean Institut of Life Science, Croatia, ³Hepato-Pancreato-Biliary Chirurgical, service Beaujon Hospital, France, ⁴Digestive Oncology service, Beaujon Hospital, France, ⁵Anatomo-pathology service, Beaujon Hospital, France, ⁶Anatomo-pathology service, Bichat Hospital, France
- P2-155 **Pancreatic stellate cells augment neural invasion in pancreatic cancer**
X. Wang, S. Teller, I. E. Demir, H. Friess, G. O. Ceyhan
Klinikum rechts der Isar, Technische Universität Munich, Department of Surgery, Germany



- P2-156** **Mutational burden of resectable pancreatic cancer by whole-transcriptome and whole-exome sequencing could predict a poor prognosis**
 E. Grassi¹, S. Durante¹, A. Astolfi², G. Tarantino², V. Indio², E. Freier¹, R. Casadei³, C. Ricci³, F. Comito¹, D. Filippini¹, F. Formica¹, C. Serra⁴, D. Santini⁵, A. D'Errico⁵, F. Minni³, G. Biasco¹, M. Di Marco¹
¹University of Bologna, Sant' Orsola-Malpighi Hospital, Department of Experimental, Diagnostic and Specialty Medicine, Italy, ²University of Bologna, Sant' Orsola-Malpighi Hospital, Interdepartmental Center of Cancer Research, Italy, ³University of Bologna, Sant' Orsola-Malpighi Hospital, Department of Medical and Surgical Sciences, Italy, ⁴University of Bologna, Sant' Orsola-Malpighi Hospital, Department of Internal Medicine, Italy, ⁵University of Bologna, Sant' Orsola-Malpighi Hospital, Department of Patology, Italy
- P2-157** **JWA gene based integrin $\alpha(v)\beta3$ targeting polypeptide PJP1-RGD inhibits pancreatic ductal adenocarcinoma metastasis and dyshomeostasis in mice**
 J. Cui¹, Z. Wang¹, X. Wang¹, J. Chen¹, Z. Wang², Y. Hao², Y. Zhu², C. Zhao³, D. Chen⁴, J. Zhou^{1,2}
¹Nanjing Medical University, Department of Molecular Cell Biology & Toxicology, School of Public Health; Pancreas Institute; the Jiangsu Key Lab of Cancer Biomarkers, Prevention and Treatment; China, ²Nanjing Medical University, The Research Center of Translational Medicine, China, ³Norwegian University of Science and Technology, Department of Cancer Research and Molecular Medicine, Norway, ⁴Norwegian University of Science and Technology, Department of Cancer Research and Molecular Medicine, Norway
- P2-158** **Affinity proteomic profiling of plasma for proteins associated to pancreatic cancer reveal candidates for patient survival**
 T. Dodig-Crnkovic¹, B. Ayoglu¹, M.-G. Hong¹, A. Bendes¹, C. Fredolini¹, M. Uhlén¹, M. Löhr², I. Chen³, J. S. Johansen³, J. M. Schwenk¹
¹KTH Royal Institute of Technology, Department of Protein Science, Sweden, ²Karolinska University Hospital, Department of Clinical Science, Intervention and Technology (CLINTEC), Sweden, ³Herlev-Gentofte Hospital, University of Copenhagen, Departments of Oncology and Medicine, Denmark
- P2-159** **Characterization of pancreatic and biliary cancer stem cells in patient-derived tissue**
 R. Schmuck, J. Gogolok, E. Seidel, A. Schirmeier, A. Andreou, T. Malinka, F. Klein, J. Pratschke, M. Bahra
 Charité - University Hospital Berlin, Surgery, Germany
- P2-160** **Effect of cathepsin inhibition on metabolism and polarization of tumor-associated macrophages**
 D. Oelschlägel¹, D. Reinicke¹, T. Weiss Sadan², G. Blum², A. Schulze³, P. Michl¹
¹University Hospital Halle (Saale), Dept. of Internal Medicine I, Germany, ²Hebrew University of Jerusalem, Institute for Drug Research, Israel, ³Theodor-Boveri-Institute, Biocenter, Dept. of Biochemistry and Molecular Biology, Germany
- P2-161** **Establishment of light-based therapies to improve pancreatic cancer outcomes**
 P. Acedo¹, A. Ney¹, P. Sancho², P. K. Selbo³, A. J. MacRobert⁴, S. Pereira¹
¹University College London, Division of Medicine. Institute for Liver and Digestive Health, United Kingdom, ²Barts Cancer Institute. Queen Mary University of London, Centre for Stem Cells in Cancer & Ageing, United Kingdom, ³Institute for Cancer Research, Norwegian Radium Hospital, Department of Radiation Biology, Norway, ⁴University College London, Div. of Surgery and Interventional Science, United Kingdom

- P2-162 Overall cellularity but not acellular stroma deposition increases gemcitabine accumulation in a genetically engineered mouse model of pancreatic cancer**
I. Ramu¹, R. Goetze¹, M. Patzak¹, P. Ströbel², B. Sipos³, F. Richards⁴, D. Jodrell⁴, E. Hessmann¹, V. Ellenrieder¹, A. Neesse¹
¹University Medical center Goettingen, Gastroenterology and Gastrointestinal oncology, Germany, ²University Medical center Goettingen, Institute for pathology, Germany, ³University of Tübingen, Institute for Pathology and Neuropathology, Germany, ⁴Li Ka Shing Centre, Cancer Research UK Cambridge Institute, United Kingdom
- P2-163 The Characterization of "Islet Invasion" in Pancreatic Ductal Adenocarcinoma**
A. C. Mutgan, U. Calisan, Y. C. Erdogan, H. Friess, G. O. Ceyhan, I. E. Demir
Klinikum rechts der Isar, Technische Universität Munich, Department of Surgery, Germany
- P2-164 Small RNA sequencing of preoperative blood plasma identifies microRNA signature enabling to find pancreatic cancer patients who will not benefit from surgical resection**
N. Gablo¹, V. Procházka², J. Hlavsa², P. Moravčík², T. Machackova¹, Z. Kala², J. Sana¹, P. Ahmad¹, O. Slaby¹
¹Central European Institute of Technology, Masaryk University, Czech Republic, ²University Hospital Brno Bohunice, Department of Surgery, Czech Republic
- P2-165 Are extracellular vesicles able to control human pluripotent stem cell fate?**
E. Buscail^{1, 2, 3}, P. Quincy⁴, C. Gounou⁵, A.-A. Raymond⁵, I. Lamrissi-Garcia⁴, I. Moranvillier⁴, F. Saltel⁵, F. Moreau-Gaudry⁴, L. Chiche², A. Bedel⁴, A. Brisson⁵, S. Dabernat⁴
¹CHU Bordeaux, Pancreatic and hepatobiliary surgery, France, ²CHU Bordeaux/Bordeaux University, Chirurgie hepato-bilio-pancreatique, France, ³CHU Bordeaux, France, ⁴CHU Bordeaux/Bordeaux University, INSERM 1035, France, ⁵Bordeaux University, France
- P2-166 Towards earlier detection of PDAC: validation of a biomarker panel for the identification of type 3c diabetes among individuals newly diagnosed with type 2 diabetes**
L. Oldfield¹, R. Rao¹, T. Purewal², J. P. Neoptolemos³, W. Greenhalf¹, C. Halloran¹, E. Costello¹
¹University of Liverpool, Department of Molecular and Clinical Cancer Medicine, United Kingdom, ²Royal Liverpool University Hospital, Department of Diabetes and Endocrinology, United Kingdom, ³University of Heidelberg, Department of General, Visceral and Transplantation Surgery, Germany
- P2-167 Inhibition of NF-κB decreases self-renewal in CD133 positive pancreatic cancer cells**
N. Sharma¹, P. Dauer², V. K. Gupta¹, K. K. Kesh¹, R. Hadad¹, V. Dudeja¹, A. Saluja¹, S. Banerjee¹
¹University of Miami, Surgery, United States, ²University of Minnesota, Pharmacology, United States
- P2-168 Kras downstream signaling in pancreatic ductal adenocarcinoma**
H. Yan, N. Schönhuber, C. Veltkamp, B. Seidler, R. M. Schmid, G. Schneider, D. Saur
Klinikum rechts der Isar-TUM, Germany
- P2-169 Bile acids increase MUC4 expression in pancreatic ductal adenocarcinoma**
E. Gál¹, A. Ébert¹, L. Tiszlavicz², V. Venglovicz¹
¹University of Szeged, Pharmacology And Pharmacotherapy, Hungary, ²University of Szeged, Pathology, Hungary
- P2-170 RINT1 is essential to pancreas ductal adenocarcinoma (PDAC) homeostasis**
F. Arnold¹, E. K. Kaminska¹, J. Gout¹, T. Seufferlein², L. Perkhof¹, P.-O. Frappart¹, A. Kleger¹
¹Department of Internal Medicine 1, Ulm University Hospital, Germany, ²Department of Internal Medicine 1, Germany

- P2-171 **A novel protocol for isolation and culture of primary pancreatic stellate cells within the context of their tissue of origin**

M. Ghallab¹, G. Rosignoli², C. Ghirelli³

¹Queen Elizabeth Hospital Birmingham, Liver Surgery, United Kingdom, ²MedImmune, United Kingdom,

³Horizon Discovery, Immunology, United Kingdom

- P2-172 **Actionable perturbations in the DNA damage response establish synergistic therapeutic routes in ATM deficient pancreatic cancer**

J. Gout, L. Perkhofer, F. Arnold, T. Seufferlein, P.-O. Frappart, A. Kleger

Department of Internal Medicine 1, Ulm University Hospital, Germany

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10. Pancreatic surgery I

- P2-173 **Outcomes of pancreatoduodenectomy in the German DGAV StuDoQ|Pancreas registry – a cross-validation study with the Dutch Pancreatic Cancer Audit**

T. Mackay¹, U. Wellner², L. van Rijssen¹, T. Stoop¹, O. Busch¹, B. Groot Koerkamp³, D. Bausch², E. Petrova², M. Besselink¹, T. Keck², Dutch Pancreatic Cancer Group, DGAV StuDoQ|Pancreas

¹Cancer Center Amsterdam, Academic Medical Center, Surgery, Netherlands, ²Clinic of Surgery, UKSH

Campus Lübeck, Surgery, Germany, ³Erasmus Medical Center, Surgery, Netherlands

- P2-174 **Preoperative fecal elastase-1 (FE-1) correlates with pancreatic fistula after major pancreatic resections**

T. Giuliani¹, S. Andrianello¹, C. Bortolato¹, G. Marchegiani¹, G. De Marchi², A. Amodio², L. Frulloni², G. Malleo¹, R. Salvia¹, C. Bassi¹

¹Pancreas Institute, Pancreatic Surgery, Italy, ²Pancreas Institute, Gastroenterology, Italy

- P2-175 **How do different surgical reconstruction techniques affect the postoperative course of patients with pancreas head resections? - A systematic review with meta-analysis**

S. Schorn, E. I. Demir, T. Vogel, D. Reim, R. Schirren, D. Wilhelm, G. O. Ceyhan, H. Friess

Technische Universität Munich, Department of Surgery, Germany

- P2-176 **Preoperative biliary stenting in patients with obstructive jaundice caused by the tumors of the pancreatoduodenal's area**

M. Derejska¹, M. Durlík^{1, 2}

¹Central Clinical Hospita of the Ministry of the Interior in Warsaw, Gastroenterological Surgery and

Transplantation, Poland, ²Mossakowski Medical Research Centre Polish Academy of Sciences, Surgical Research and Transpalntology, Poland

- P2-177 **Chyle leak after pancreatic surgery: validation of the International Study Group of Pancreatic Surgery classification**

M. De Pastena¹, S. Paiella², S. Bogoni², F. Casciani², S. Andrianello¹, R. Salvia², C. Bassi²

¹AOU Verona, General and Pancreatic Surgery, Italy, ²Hospital Pablo Tobon Uribe, Medellin, Departamento Cirugia Hepato Biliar y Pancreatica, Colombia

- P2-178 **Long term results of pancreatic surgery: structural changes of the pancreas**

V. Ratchyk, D. Orlovskyi

Institute of gastroenterology of the National academy of medical sciences of Ukraine, Surgery, Ukraine

13:00–14:30

Thursday, 14th June 2018

- P2-179 **Postoperative acute pancreatitis following pancreaticoduodenectomy: a determinant of fistula driven by the intraoperative fluid management**
E. Bannone, S. Andrianello, G. Marchegiani, G. Masini, G. Malleo, C. Bassi, R. Salvia
The Pancreas Institute- Verona University Hospital, Department of General and Pancreatic Surgery, Italy
- P2-180 **Spleen-preserving total pancreatectomy - initial experience.**
Z. Kovalenko, D. Ananyew
State Medical and Rehabilitation center, Surgical oncology, Russian Federation
- P2-181 **Laparoscopic versus open distal pancreatectomy for left-sided pancreatic cancer: A stage adjusted survival analysis according to the 8th edition AJCC staging**
Y.-S. Yoon, I. G. Hyun, H.-S. Han, S. Kim, K. H. Kim
Seoul National University Bundang Hospital, Surgery, South Korea
- P2-182 **Skeletal Muscle Depletion and Postoperative Complication After Pancreaticoduodenectomy**
H. Lee, H. K. Lee, S. K. Min
Ewha Womans University College of Medicine, Surgery, South Korea
- P2-183 **Intra-Operative Ultrasound to Determine Resectability During Surgical Exploration of Primary Non-Resectable Pancreatic Cancer Following Induction Chemotherapy**
I. Q. Molenaar¹, M. S. Walma¹, E. van Veldhuisen², L. B. van Rijssen², O. R. Busch², R. C. Bruijnen³, O. M. van Delden⁴, N. Haj Mohammad⁵, I. de Hingh⁶, L. S. Yo⁷, H. W. van Laarhoven⁸, M. S. van Leeuwen³, C. Y. Nio⁴, H. C. van Santvoort^{1,9}, J. de Vries¹⁰, F. J. Wessels³, J. W. Wilmink⁸, M. G. Besselink², K. P. van Lienden⁴
¹University Medical Center Utrecht, Surgery, Netherlands, ²Academic Medical Center Amsterdam, Surgery, Netherlands, ³University Medical Center Utrecht, Radiology, Netherlands, ⁴Academic Medical Center Amsterdam, Radiology, Netherlands, ⁵University Medical Center Utrecht, Medical Oncology, Netherlands, ⁶Catharina Hospital, Surgery, Netherlands, ⁷Catharina Hospital, Interventional Radiology, Netherlands, ⁸Academic Medical Center Amsterdam, Medical Oncology, Netherlands, ⁹St. Antonius Hospital, Surgery, Netherlands, ¹⁰VU Medical Center, Interventional Radiology, Netherlands
- P2-184 **Total pancreatectomy in patients with «difficult» pancreatic stump.**
Z. Kovalenko, D. Ananyew
State Medical and Rehabilitation center, Surgical oncology, Russian Federation
- P2-185 **Non-inferiority of open passive drains compared with closed suction drains in pancreatic surgery outcomes: a prospective observational study**
G. Perri, G. Marchegiani, A. Pulvirenti, E. Sereni, R. Salvia, C. Bassi
Verona University, General and Pancreatic Surgery, Italy
- P2-186 **First experience with continuous glucose monitoring after pancreatic surgery**
C. Lampert, M. Weniger, K. Karcz, J. Werner, J. D'Haese
Department of General, Visceral and Transplantation Surgery, Ludwig-Maximilians-University, Germany
- P2-187 **Serum amylase levels in the first postoperative day after pancreaticoduodenectomy: what are they related to and what can they predict?**
M. Cereda^{1,2}, G. Capretti¹, G. Nappo¹, C. Ridolfi¹, B. Branciforte¹, F. Gavazzi¹, A. Zerbi^{1,3}
¹Humanitas Research Hospital, Pancreatic Surgery Unit, Italy, ²University of Milano-Bicocca, School of Medicine and Surgery, Italy, ³Humanitas University, Pancreatic Surgery Unit, Italy

- P2-188 Variant hepatic artery in pancreatoduodenectomy for adenocarcinoma – does it have influence on postoperative complications and oncological radicality?**
P. Skalický¹, M. Loveček¹, J. Tesaříková¹, J. Ehrmann², J. Škarda², V. Prášil³, R. Kovář³, Č. Neoral¹
¹University Hospital Olomouc, 1st Surgical Clinic, Czech Republic, ²University Hospital Olomouc, Department of Clinical and Molecular Pathology, Czech Republic, ³University Hospital Olomouc, Department of Radiology, Czech Republic
- P2-189 Clinical implications of intraoperative fluid therapy in pancreatic surgery: It is not “just water”**
S. Andrianello¹, G. Marchegiani¹, E. Bannone¹, G. Masini¹, G. Malleo¹, G. L. Montemezzi², E. Polati², C. Bassi¹, R. Salvia¹
¹The Pancreas Institute- Verona University Hospital, Department of General and Pancreatic Surgery, Italy, ²Verona University Hospital, Intensive Care Unit, Italy
- P2-190 Autologous Islet transplantation and pancreas resection for complex pancreatic trauma – is there a role for remote processing?**
P. Prasad¹, J. Logue^{1,2}, W. E. Scott III^{2,3}, M. Honkanen-Scott³, J. DeHaviland³, A. Abou-Saleh⁴, J. A. Shaw², J. Casey², D. M. Manas^{1,2}, S. A. White^{1,2}
¹The Newcastle Upon Tyne Hospitals NHS Foundation Trust, Hepatobiliary and Pancreatic (HPB) Surgery, United Kingdom, ²Institute of Transplantation, Freeman Hospital, The Newcastle Upon Tyne Hospitals NHS Foundation Trust, United Kingdom, ³Institute of Cellular Medicine, Newcastle University, United Kingdom, ⁴The Newcastle Upon Tyne Hospitals NHS Foundation Trust, Department of Endocrinology, United Kingdom
- P2-191 Duodenojejunal or Gastroenteric Leakage after Pancreatic Resection: A Case Control Study**
M. Mazza, S. Crippa, N. Pecorelli, D. Tamburrino, G. Guarneri, S. Partelli, R. Castoldi, G. Balzano, M. Falconi
 San Raffaele Hospital, Italy
- P2-192 Feeding jejunostomy in patients undergoing major pancreatic resections**
Z. Kovalenko¹, D. Ananyew¹, E. Achkasov²
¹State Medical and Rehabilitation center, Surgical oncology, Russian Federation, ²First Moscow State Medical University, Clinical Rehabilitation, Russian Federation
- P2-193 Resectable periampullary tumor after severe acute pancreatitis. What type of surgery to choose?**
Z. Kovalenko¹, D. Ananyew¹, V. Egorov², R. Petrov², I. Fainstein³, K. Dalgatov⁴
¹State Medical and Rehabilitation center, Surgical oncology, Russian Federation, ²Bakhrushin’s brothers clinical hospital, surgical oncology, Russian Federation, ³Blokhin’s Russian national oncology center, surgical oncology, Russian Federation, ⁴Pirogov’s clinical hospital, HPB surgery, Russian Federation
- P2-194 Minimally invasive interventions in the treatment of patients with acute necrotizing pancreatitis**
A. Kudelich, A. Protasevich
 Belarusian State Medical University, the 1st chair of surgical illnesses, Belarus
- P2-195 2029 cases of Whipple’s procedure: 12-year experience from a single center**
Y. Miao, K. Jiang, C. Dai, J. Wu, W. Gao, F. Guo, J. Chen, J. Wei, Z. Lu
 The First Affiliated Hospital of Nanjing Medical University, China
- P2-196 Difficult diagnosis and localization of multi-focal nesidioblastosis in an adult: implications of near-infrared intraoperative imaging**
S. T. Barbu¹, O. V. Fabian¹, I. Domsa², A. Zolog², S. Strilciuc³, D. T. Cosma⁴, I. Veresiu⁴
¹University of Medicine and Pharmacy, 4th Surgery Department, Romania, ²Clinical C.F. Hospital Cluj-Napoca, Pathology Department, Romania, ³“Babes-Bolyai” University, Public Health Department, Romania, ⁴University of Medicine and Pharmacy “Iuliu Hatieganu”, Center for Diabetes Nutrition and Metabolic disorders, Romania

13:00–14:30

Thursday, 14th June 2018

- P2-197 **Prognostic impact of Ki-67 proliferative index in resectable pancreatic ductal adenocarcinoma**
I. Pergolini¹, S. Crippa², M. Pagnanelli², G. Belfiori¹, A. Pucci¹, S. Partelli², C. Rubini³, P. Castelli⁴, G. Zamboni⁴, M. Falconi²
¹Università Politecnica delle Marche, Department of Surgery, Italy, ²Pancreas Translational & Clinical Research Center, IRCCS San Raffaele Scientific Institute, Pancreatic Surgery Unit, Italy, ³Università Politecnica delle Marche, Department of Pathology, Italy, ⁴Ospedale Sacro Cuore-Don Calabria, Department of Pathology, Italy
- P2-198 **Pancreatoduodenectomy in the Elderly: single center experience**
Y. C. Spolverato¹, M. Gruppo^{1,2}, F. Tolin^{1,2}, L. Saadeh¹, F. Zingales¹, I. Angriman¹, R. Bardini¹
¹University Hospital of Padua, Department of Surgery, Oncology and Gastroenterology, Italy, ²Veneto Oncological Institute, Italy
- P2-199 **Enhanced Recovery After Surgery (ERAS) reduces the incidence of Delayed Gastric Emptying (DGE) following Pancreatoduodenectomy**
A. Sheel^{1,2}, K. Exarchou¹, R. Baron^{1,2}, V. Akintunde¹, J. Garry¹, P. Whelan¹, R. Sutton^{1,2}, C. Halloran^{1,2}, P. Ghaneh^{1,2}, J. Neoptolemos³, M. Raraty^{1,2}, V. Yip¹
¹The Royal Liverpool University Hospital, Department of Pancreatobiliary Surgery, United Kingdom, ²The University of Liverpool, The Department of Molecular and Clinical Cancer Medicine, United Kingdom, ³University of Heidelberg, Department of Surgery, Germany
- P2-200 **Distal Pancreatectomy with Resection of the Celiac Axis (DP-CAR) for Pancreatic Cancer**
J. Wu, F. Guo, P. Wu, Z. Lu, K. Zhang, C. Dai, W. Gao, J. Chen, J. Wei, K. Jiang, Y. Miao
The First Affiliated Hospital of Nanjing Medical University, China
- P2-201 **Surgical correction of biliary hypertension in patients with complicated forms of chronic pancreatitis.**
V. Galyuk, V. Pylypchuk, I. Shevchuk
Ivano-Frankivsk National Medical University, Surgery #2 and cardiac surgery, Ukraine
- P2-202 **Minimally invasive versus open treatment for benign sporadic insulinoma Comparison of short term and long term outcomes.**
G. Belfiori¹, D. Wiese², S. Partelli¹, S. Wächter², E. Maurer², S. Crippa¹, M. Falconi¹, D. K. Bartsch²
¹San Raffaele Hospital, Pancreatic Surgery, Italy, ²Philipps University Marburg, Department of Visceral, Thoracic and Vascular Surgery, Germany
- P2-203 **The effect of pasireotide on post-operative pancreatic fistulas after pancreatic distal resections**
T. Vuorela, H. Mustonen, C. Haglund, H. Seppänen
Helsinki University Hospital, Dept. of Surgery, Finland
- P2-204 **Laparoscopic distal pancreatectomy: which factors are related to open conversion? Lessons learned from 68 consecutive procedures in a high volume pancreatic center.**
C. A. Pacilio, C. Ricci, C. Ingaldi, F. Minni, R. Casadei
University of Bologna, Sant'Orsola-Malpighi Hospital, Surgery, Italy
- P2-205 **The implication of induction chemotherapy followed by chemoradiotherapy for locally advanced pancreatic cancer, intended conversion surgery**
D. Ban, T. Kato, J. Yoshino, A. Kudo, M. Tanabe
Tokyo Medical and Dental University, Department of Hepatobiliary and Pancreatic Surgery, Japan

P3.01

1. Acute Pancreatitis II and complications

- P3-001** **The quick Sequential Organ Failure Assessment (qSOFA) score for detection of severity of acute pancreatitis**
A. Litvin, O. Ovchinnikov, E. Kravchenko
Immanuel Kant Baltic Federal University, Department of Surgical Disciplines, Russian Federation
- P3-002** **Predictive nature and clinical characteristics of pain on admission in acute pancreatitis**
M. Földi¹, J. Bajor², Á. Vincze², N. Gede³, I. Török⁴, P. Varjú³, S. Crai⁵, J. Novák⁵, I. Szabó², E. Ramirez Maldonado⁶, J. Sümegi⁷, E. Fehér⁸, Z. Vitális⁸, L. Gajdán⁹, Z. Szepes¹, J. Hamvas¹⁰, F. Izbéki⁹, A. Szentesi^{1,3}, A. Párniczky^{3,11}, P. Hegyi^{1,3,12,13}, on behalf of the Hungarian Pancreatic Study Group
¹University of Szeged, First Department of Medicine, Hungary, ²University of Pécs, Division of Gastroenterology, First Department of Medicine, Hungary, ³University of Pécs, Institute for Translational Medicine, Hungary, ⁴Mures County Emergency Hospital, Romania, ⁵Pándy Kálmán Hospital of Békés County, Hungary, ⁶Consorti Sanitari del Garrof, General Surgery, Spain, ⁷Borsod-Abaúj-Zemplén County Hospital and University Teaching Hospital, Hungary, ⁸University of Debrecen, Department of Gastroenterology, Institute of Internal Medicine, Hungary, ⁹Szent György University Teaching Hospital of Fejér County, Hungary, ¹⁰Bajcsy-Zsilinszky Hospital, Hungary, ¹¹Heim Pál Children's Hospital, Hungary, ¹²University of Pécs, Division of Translational Medicine, First Department of Medicine, Hungary, ¹³Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary
- P3-003** **Dietary fat patterns and outcomes in acute pancreatitis**
G. García-Rayado¹, G. Varela-Moreiras², K. Cárdenas-Jaén³, M. Bozhychko³, F. Bolado⁴, C. Marra-López⁴, A. I. Hernando-Alonso⁵, A. del-Val-Antoñana⁶, R. Rivera-Irigoín⁷, I. Pascual-Moreno⁸, D. Closa⁹, E. de-Madaria³
¹Department of Gastroenterology, University Clinic Hospital Lozano Blesa, Aragón Health Research Institute (IIS Aragón), Spain, ²Department of Pharmaceutical & Health Sciences, Universidad CEU San Pablo, Spain, ³Pancreatic Unit, Department of Gastroenterology, Hospital General Universitario de Alicante, Instituto de Investigación Sanitaria y Biomédica de Alicante (ISABIAL-Fundación FISABIO), Spain, ⁴Department of Gastroenterology, Complejo Universitario de Navarra, Spain, ⁵Department of Gastroenterology, Hospital Gregorio Marañón, Spain, ⁶Department of Gastroenterology, Hospital Universitari i Politècnic la Fe, Spain, ⁷Department of Gastroenterology, Hospital Costa del Sol, Spain, ⁸Department of Gastroenterology, Hospital Clínico Universitario, Spain, ⁹Department of Experimental Pathology, Institut d'Investigacions Biomèdiques de Barcelona (IIBB-CSIC-IDIBAPS), Spain
- P3-004** **Laboratory findings at admission show suboptimal predictive values for common bile duct (CBD) stones in acute biliary pancreatitis (ABP)**
D. De la Iglesia-García^{1,2}, R. Mejuto-Fernandez^{1,2}, J. Lariño-Noia^{1,2}, C. Calviño-Suarez^{1,2}, V. Mauriz-Brreiro^{1,2}, L. Monteserin-Ron^{1,2}, K. Cardenas-Jaen¹, E. Rodriguez¹, J. Iglesias-García^{1,2}, J. Lopez-Díaz^{1,2}, J. E. Dominguez-Muñoz^{1,2}
¹University Hospital of Santiago de Compostela, Gastroenterology, Spain, ²Health Research Institute of Santiago de Compostela (IDIS), Digestive Diseases Research Group, Spain
- P3-005** **CT-fistulography in diagnostics of complications of acute pancreatitis**
A. Kudelich, A. Protasevich
Belarusian State Medical University, the 1st chair of surgical illnesses, Belarus

- P3-006 Early Achievable SeveritY (EASY) index for simple and accurate expedite risk stratification in acute pancreatitis**
B. Kui^{1,2}, S. Gódi^{2,3}, J. Bajor^{2,3}, I. Török⁴, M. Macaria⁴, H. Farkas⁴, A. Mickevicius⁵, V. Sallinen⁶, E. R. Maldonado⁷, M. Papp⁸, G. Kovács⁸, E. Fehér⁸, P. Sarlós^{2,3}, S. Galeev⁹, B. C. Németh¹, Á. Vincze^{2,3}, P. Pencik¹⁰, I. Ozola-Zalite¹¹, A. Pukitis¹¹, A. Litvin¹², I. Kovalskaya¹³, J. Czimmer^{2,3}, G. Pár^{2,3}, I. Hritz¹⁴, T. Molnár², D. Illés¹, A. Szentesi^{1,2}, L. Lakatos¹⁵, G. Capruso¹⁶, Á. Patai¹⁷, E. Stilidi¹⁸, G. Peserico¹⁹, K. Zadorozhna¹³, E. Sonmez²⁰, A. Tüzün Ince²⁰, S. Vishalkumar²¹, M. Horibe²², M. Ihász²³, P. Hegyi^{1,2}, on behalf of the Hungarian Pancreatic Study Group
¹University of Szeged, First Department of Medicine, Hungary, ²University of Pécs, Medical School, Department of Translational Medicine, Hungary, ³University of Pécs, Medical School, First Department of Medicine, Hungary, ⁴Mures County Emergency Hospital, Department of Gastroenterology, Romania, ⁵Vilnius University Hospital Santariskiu Klinikos, Center of Hepatology, Gastroenterology and Dietetics, Lithuania, ⁶Hospital of Helsinki University Central Hospital, Department of Abdominal Surgery, Finland, ⁷Consorci Sanitori del Garraf, Sant Pere de Ribes, Department of General Surgery, Spain, ⁸University of Debrecen, Department of Internal Medicine, Hungary, ⁹Saint-Luke Clinical Hospital, Saint-Petersburg, Department of Digestive Surgery, Russian Federation, ¹⁰Vitkovicka Nemocnice A. S., Centrum Pece O Zazivaci Trakt, Czech Republic, ¹¹Pauls Stradins Clinical University Hospital, Riga, Department of Gastroenterology, Hepatology and Nutrition, Latvia, ¹²Gomel Regional Clinical Hospital, Department of Surgery, Belarus, ¹³Bohomolets National Medical University, General Surgery, Ukraine, ¹⁴1st Department of Surgery, Center for Therapeutic Endoscopy, Hungary, ¹⁵County Hospital Veszprém, Department of Gastroenterology, Hungary, ¹⁶S. Andrea Hospital University "Sapienza", Digestive and Liver Disease Unit, Italy, ¹⁷2nd Department of Internal Medicine, Semmelweis University, Hungary, ¹⁸Hospital of Medical Academy, Department of Gastroenterology, Russian Federation, ¹⁹University of Padua, Department of Surgery, Oncology and Gastroenterology, Italy, ²⁰Hospital of Bezmialem Vakif, University School of Medicine, Department of Internal Medicine, Gastroenterology Clinic, Turkey, ²¹Tan Tock Serg Hospital, Department of Surgery, Singapore, ²²Keio University, School of Medicine, Division of Gastroenterology and Hepatology Department of Internal Medicine, Japan, ²³Markusovszky University Teaching Hospital, Department of Gastroenterology, Hungary
- P3-007 Is it time for routinely tracking of early immunosuppression in tracking and prognosing patients with acute pancreatitis?**
Y. Yovtchev¹, K. Halacheva², E. Dimitrov¹, E. Enchev¹, S. Nikolov¹, A. Petrov¹, G. Minkov¹
¹University Hospital, Surgical Diseases, Bulgaria, ²Trakia University, Clinical Immunology, Bulgaria
- systematic review and meta-analysis**
L. Kiss¹, G. Fűr¹, P. Mátrai², P. Hegyi^{2,3}, E. Iványi⁴, I. M. Cazacu², I. Szabó⁵, T. Habon⁶, H. Alizadeh⁷, Z. Gyöngyi⁸, É. Vigh⁹, B. Eröss², A. Eröss², M. Ottoffy², L. Czakó⁴, Z. Rakonczay Jr¹
¹University of Szeged, Department of Pathophysiology, Hungary, ²University of Pécs, Institute for Translational Medicine, Hungary, ³University of Szeged, MTA-SZTE Momentum Research Group, Hungary, ⁴University of Szeged, First Department of Medicine, Hungary, ⁵University of Pécs, Department of Gastroenterology, Hungary, ⁶University of Pécs, Department of Cardiology, Hungary, ⁷University of Pécs, Department of Haematology, Hungary, ⁸University of Pécs, Department of Public Health Medicine, Hungary, ⁹University of Pécs, Department of Radiology, Hungary
- P3-009 Correlation between Obesity and Fever in Acute Pancreatitis**
J. S. Kim, H. J. Kim, Y.-T. Bak
 Korea University Guro Hospital, Korea University College of Medicine, South Korea

- P3-010 Procalcitonin, but not C reactive protein level or white blood cell count should be used as biomarker to indicate antibiotic therapy in the early phase of acute pancreatitis**
A. Párniczky^{1, 2}, T. Lantos³, Á. Vince⁴, S. Gódi⁵, J. Bajor⁶, P. Sarlós⁴, R. Hágendorn⁷, F. Izbéki⁸, Z. Szepes⁹, L. Czakó¹⁰, T. Takács¹⁰, J. Novák¹¹, M. Papp¹², Z. Vitális¹², J. Hamvas¹³, I. Török¹⁴, K. Márta¹⁵, B. Erőss¹⁶, A. Szentesi^{10, 15}, P. Hegyi^{1, 10, 17, 18}, on behalf of the Hungarian Pancreatic Study Group
¹Institute for Translational Medicine, Medical School, University of Pécs, Hungary, ²Heim Pál Children's Hospital, Hungary, ³Department of Medical Physics and Informatics, University of Szeged, Szeged, Hungary, Hungary, ⁴Division of Gastroenterology, First Department of Medicine, Medical School, University of Pécs, Hungary, ⁵Division of Translational Medicine, First Department of Medicine, Medical School, University of Pécs, Hungary, ⁶Division of Gastroenterology, First Department of Medicine, Medical School, University of Pécs, Pécs, Hungary, Hungary, ⁷First Department of Medicine, Medical School, University of Pécs, Hungary, ⁸Szent György University Teaching Hospital of Fejér County, Hungary, ⁹First Department of Medicine, University of Szeged, Szeged, Hungary, Hungary, ¹⁰First Department of Medicine, University of Szeged, Hungary, ¹¹Pándy Kálmán Hospital of Békés County, Hungary, ¹²Department of Internal Medicine, Division of Gastroenterology, University of Debrecen, Hungary, ¹³Bajcsy-Zsilinszky Hospital, Hungary, ¹⁴Mures County Emergency Hospital, Hungary, ¹⁵Institute for Translational Medicine, Medical School, University of Pécs, Hungary, ¹⁶Institute for Translational Medicine, Medical School, University of Pécs, Hungary, ¹⁷Division of Translational Medicine, First Department of Medicine, Medical School, University of Pécs, Hungary, ¹⁸Hungarian Academy of Sciences-University of Szeged, Momentum Gastroenterology Multidisciplinary Research Group, Hungary
- P3-011 Meta-analysis and trias sequential analysis of prophylactic antibiotics for acute pancreatitis**
G. Poropat¹, A. Kresovic², A. Lackovic², A. Loncaric², M. Marusic², D. Stimac¹
¹University Hospital Rijeka, Department of Gastroenterology, Croatia, ²Faculty of Medicine, University of Rijeka, Croatia
- P3-012 Early surgical treatment of acute biliary pancreatitis**
R. Tsybaliuk¹, O. Tkachenko², M. Maksimenko³, I. Tiuliukin⁴, Y. Susak⁴
¹National O. Bohomolets Medical University, General Surgery department #1, Ukraine, ²Kyiv Emergency Hospital, Ukraine, ³P.L. Shupyk National Medical Academy of Postgraduate Education, Emergency Medicine Department, Ukraine, ⁴National O. Bohomolets Medical University, Department of Surgery of Dental Faculty, Ukraine
- P3-013 Variation in co-morbidities does not have an impact on the outcome of acute pancreatitis – a comparison between a northern and a southern European cohort**
H. Sternby¹, S. Regnér¹, E. de Madaria², The Atlantis Study Group
¹Institution of Clinical Sciences Malmö, Department of Surgery, Sweden, ²Hospital General Universitario de Alicante, Department of Gastroenterology, Spain
- P3-014 Management of infected pancreatic collections: our experience**
S. López, F. Bolado, C. Prieto, L. Aburruza, G. González, C. Marra-López, M. Casi, B. González de la Higuera, D. Ruiz-Clavijo
Complejo Hospitalario de Navarra, Aparato Digestivo, Spain
- P3-015 IL-1β IL-6, IL-8 and IL-10 are important chronological biomarkers in the inflammatory development of acute pancreatitis**
H. Sternby¹, H. Hartman², H. Thorlacius¹, S. Regnér¹
¹Institution of Clinical Sciences Malmö, Department of Surgery, Sweden, ²Institution of Clinical Sciences Malmö, Department of Gastroenterology, Sweden

- P3-016 Microbiological spectrum of infected pancreatic necrosis in patients requiring drainage after failure of systemic antibiotics**
J. Lariño-Noia^{1,2}, D. De la Iglesia-García^{1,2}, J. Iglesias-García^{1,2}, F. Macías-García^{1,2}, J. González³, J. Lopez-Díaz^{1,2}, J. E. Dominguez-Muñoz^{1,2}
¹University Hospital of Santiago de Compostela, Gastroenterology, Spain, ²Health Research Institute of Santiago de Compostela (IDIS), Digestive Diseases Research Group, Spain, ³University Hospital of Santiago de Compostela, Pharmacy, Spain
- P3-017 The influence of enoxaparin on the inflammation and hemostasis processes in severe acute pancreatitis patients**
S. Chooklin, B. Pidhirnyy, S. Chuklin, G. Shershen
Regional Clinical Hospital, Department of Surgery, Ukraine
- P3-018 Safety and efficacy of conservative management in acute pancreatitis with local complications**
J. S. Choi¹, D. U. Kim²
¹Busan Paik Hospital, Inje University College of Medicine, Internal Medicine, South Korea, ²Pusan National University School of Medicine, Internal Medicine, South Korea
- P3-019 Treatment With Volanesorsen (VLN) Reduced Triglycerides And Pancreatitis In Patients With Familial Chylomicronemia Syndrome (FCS) And Severe Hypertriglyceridemia (sHTG) vs Placebo: Results Of The APPROACH And COMPASS Studies**
D. Blom¹, S. Freedman², A. Gelrud³, A. Digenio⁴, V. Alexander⁵, K. Williams⁶, A. Hsieh⁶, I. Gouni-Berthold⁷, E. Bruckert⁸, E. Stroes⁹, R. Geary⁵, S. Hughes⁵, D. Gaudet¹⁰
¹University of Cape Town, Medicine - Lipidology, South Africa, ²Beth Israel Deaconess Medical Center, The Pancreas Center, United States, ³Miami Cancer Institute, Pancreatic Disease Program, United States, ⁴Akcea Therapeutics Inc, Former Employee, United States, ⁵Ionis Pharmaceuticals, United States, ⁶Akcea Therapeutics Inc, United States, ⁷University of Cologne, Polyclinic for Endocrinology, Diabetes, and Preventative Medicine, Germany, ⁸Hôpital Pitié-Salpêtrière, ⁷Institut E3M et IHU Cardiométabolique (ICAN), France, ⁹Academic Medical Center (AMC), Vascular Medicine, Netherlands, ¹⁰Université de Montréal, Medicine, Canada
- P3-020 Analysis of mortality in necrotizing pancreatitis according to autopsy data**
A. Kudelich
Belarusian State Medical University, the 1st chair of surgical illnesses, Belarus
- P3-021 Exocrine Pancreatic Insufficiency Following Acute Pancreatitis: Systematic Review and Meta-analysis**
D. De la Iglesia-García^{1,2}, W. Huang³, I. Baston-Rey^{1,4}, C. Calviño-Suarez^{1,2}, J. Lariño-Noia^{1,2}, J. Iglesias-García^{1,2}, N. Shi³, X. Zhang^{3,5}, W. Cai³, D. Moore⁵, P. Szatmary⁵, Q. M. Nunes⁵, R. Mukherjee⁵, X. Sum⁶, V. K. Singh⁷, Q. Xia³, J. E. Dominguez-Muñoz^{1,2}, R. Sutton⁵
¹University Hospital of Santiago de Compostela, Gastroenterology, Spain, ²Health Research Institute of Santiago de Compostela (IDIS), Digestive Diseases Research Group, Spain, ³Sichuan Provincial Pancreatitis Center and West China-Liverpool Biomedical Research Center, West China Hospital, Sichuan University, Integrated Traditional Chinese and Western Medicine, China, ⁴Health Research Institute of Santiago (IDIS), Gastroenterology, Spain, ⁵University of Liverpool, Liverpool Pancreatitis Research Group, Institut of Translational Medicine, United Kingdom, ⁶West China Hospital, Sichuan University, Chinese Evidence-based Medicine Center and CREAT Group, China, ⁷Johns Hopkins Medical Institutions, Pancreatitis Center, Division of Gastroenterology, United States

- P3-022** Neutrophil-Lymphocyte Ratio as early predictive marker of severe acute pancreatitis.
M.-L. Ruiz-Rebollo¹, M. F. Muñoz-Moreno¹, C. Tafur-Sánchez², B. Burgueño-Gómez¹
¹Hospital Clínico Universitario, Spain, ²Hospital Medina del Campo, Spain
- P3-197** All-in. Parturition, birth, MRCP and cholecystectomy in the early phase of biliary pancreatitis in a 36 weeks pregnant woman: a case report
L. Gajdán¹, Á. Sárkány², K. Márta¹, Á. Altorjay³, V. Z. Kellner⁴, E. Kiss⁵, B. György², P. Hegyi¹, I. Ferenc¹
¹Centre for Translational Medicine, University of Pécs – Szent György Teaching Hospital of County Fejér, Hungary, ²Division of Central Anaesthesiology and Intensive Care Unit, Szent György Teaching Hospital of County Fejér, Hungary, ³Division of Surgery, Szent György Teaching Hospital of County Fejér, Hungary, ⁴Synlab Laboratory, Szent György Teaching Hospital of County Fejér, Hungary, ⁵Division of Radiology, Szent György Teaching Hospital of County Fejér, Hungary

P3.02

2. Chronic Pancreatitis

- P3-023** Sarcopenia is a common complication of chronic pancreatitis and associates with increased hospitalization rates and reduced survival
S. Schou Olesen¹, A. Büyüksulu², M. Köhler³, H. Højgaard Rasmussen³, A. Mohr Drewes²
¹Aalborg University Hospital, Centre for Pancreatic Diseases, Department of Gastroenterology and Hepatology, Denmark, ²Aalborg University Hospital, Centre for Pancreatic Diseases, Department of Gastroenterology and Hepatology, Denmark, ³Aalborg University Hospital, Centre for Nutrition and Bowel Disease, Department of Gastroenterology and Hepatology, Denmark
- P3-025** Alcohol excess and continued smoking are risk factors for progression from minimal change chronic pancreatitis to established chronic pancreatitis
A. Sheel^{1,2}, R. Baron^{1,2}, J. Ramesh³, P. Ghaneh^{1,2}, M. Raraty^{1,2}, V. Yip¹, R. Sutton^{1,2}, F. Campbell⁴, A. Farooq⁵, C. Halloran^{1,2}, J. Neoptolemos⁶
¹The Royal Liverpool University Hospital, Department of Pancreatobiliary Surgery, United Kingdom, ²The University of Liverpool, The Department of Molecular and Clinical Cancer Medicine, United Kingdom, ³The Royal Liverpool University Hospital, Department of Gastroenterology, United Kingdom, ⁴The Royal Liverpool University Hospital, Department of Histopathology, United Kingdom, ⁵The Royal Liverpool University Hospital, Department of Radiology, United Kingdom, ⁶University of Heidelberg, Department of Surgery, Germany
- P3-026** Structural transformation of the pancreatic ducts in patients with chronic pancreatitis
I. Mikheiev
SI "Zaporizhia Medical Academy of Post-Graduate Education Ministry of Health of Ukraine", surgery and minimal access technologies, Ukraine
- P3-027** What is the optional management of groove pancreatitis? Surgery is associated with higher incidence of diabetes but similar quality of life
A. Balduzzi, G. Marchegiani, S. Andrianello, F. Romeo, A. Amodio, N. De Pretis, G. Malleo, L. Frulloni, R. Salvia, C. Bassi
University of Verona, General Surgery, Italy
- P3-028** Nonalcoholic fatty pancreas disease and food pauses method
I. Bilyk, S. Shostak, Ye. Starodub, M. Hrebenyk, L. Romaniuk, N. Fedchyshyn
Ternopol State Medical University, Ukraine

13:00–14:30

Friday, 15th June 2018

- P3-029 **Modern approaches to the surgical management of groove pancreatitis**
O. Usenko, I. Khomiak, A. Khomiak, A. Malik
Shalimov National Institute of Surgery and Transplantology, Department of Pancreatic and Bile Duct Surgery, Ukraine
- P3-030 **Comparison of the metabolic profile of patients with morbid obesity with coronary artery disease and chronic pancreatitis.**
O. Bondarenko, T. Maksymets, M. Sorochna, H. Sklyarova
Danylo Halytsky Lviv National Medical University, Department of Therapy #1 and medical diagnostics, Faculty of postgraduate education, Ukraine
- P3-031 **COPPS score for the evaluation of the natural history of Chronic Pancreatitis**
P. Costa-Moreira^{1,2}, F. Vilas-Boas^{1,2}, P. Pereira^{1,2}, P. Moutinho-Ribeiro^{1,2}, G. Macedo^{1,2}
¹Hospital Center São João, Gastroenterology, Portugal, ²Faculty of Medicine - University of Oporto, Portugal
- P3-032 **Policosanol in treating chronic pancreatitis on the background of pancreatic steatosis**
N. Byelyayeva, N. Gubergrits, G. Lukashevich
Donetsk National Medical University, Ukraine
- P3-033 **Deficiency of fat-soluble vitamins, minerals and trace elements in patients with chronic pancreatitis of different etiology**
M. Vujasinovic¹, P. Maisonneuve², A. Hedström¹, R. Valente^{1,3}, S. L. Haas¹, J.-M. Löhr¹
¹Karolinska University Hospital, Department for Digestive Diseases, Sweden, ²European Institute of Oncology, Division of Epidemiology and Biostatistics, Italy, ³Sapienza University of Rome, Italy
- P3-034 **Agnesis of dorsal pancreas: a case report**
L. Mongil Poce, E. Toscano Castilla, C. Utrilla Ayala
Hospital de Antequera, Aparato Digestivo, Spain
- P3-035 **Clinical and nutritional features are predictable for hospitalization in patients with Chronic Pancreatitis: a cohort study.**
S. Stigliano, L. Archibugi, M. Signoretti, G. Zerboni, G. Delle Fave, G. Capurso
La Sapienza University, Sant'Andrea Hospital, Italy
- P3-036 **Features of clinical manifestations, functional and structural changes of the pancreas upon chronic pancreatitis developed after cholecystectomy in patients with overweight**
N. Byelyayeva, N. Gubergrits, G. Lukashevich, P. Fomenko
Donetsk National Medical University, Ukraine
- P3-037 **A binational analysis of 252 pancreatic resections for chronic pancreatitis with regard to incidental carcinoma sequence and overall postoperative outcome**
F. Klein¹, T. Le Thu¹, C. S. Rösch², H. Wundsam², T. Malinka¹, M. Biehl¹, J. Pratschke¹, M. Bähr¹, R. Függer²
¹Charité Universitätsmedizin Berlin, Department of Surgery, Germany, ²Ordensklinikum Linz, Krankenhaus der Elisabethinen Linz GmbH, Department of Surgery, Austria
- P3-038 **Metabolic syndrome and Non-Alcoholic Fatty Pancreas Disease (NAFPD)**
M. Blaho, P. Dítě
University hospital in Ostrava, Internal Medicine Clinic, Czech Republic

- P3-039 **Low Serum Trypsin Levels Predict Deep Pancreatic Cannulation Failure during ERCP in Patients with Symptomatic Obstructive Chronic Pancreatitis**
M. Faghih¹, C. Fan¹, T. Boortalary¹, N. Yahyapourjalaly¹, O. Brewer-Gutierrez¹, J. Azadi², V. Kumbhari¹, A. N. Kalloo¹, A. Zaheer², M. A. Khashab¹, V. K. Singh¹
¹Johns Hopkins Medical Institutions, Division of Gastroenterology, Department of Medicine, United States, ²Johns Hopkins Medical Institutions, Division of Abdominal Imaging, Department of Radiology, United States
- P3-040 **Imaging standards in the quantitative evaluation of chronic pancreatitis. A proposal from the Scandinavian Baltic Pancreas Club database**
G. Dimcevski^{1,2}, T. Engjom^{2,3}, J. B. Frøkjær⁴, I. S. Haldorsen⁵
¹University of Bergen, Department of Clinical Medicine, Norway, ²Haukeland University Hospital, Department of Medicine, Norway, ³University of Bergen, Department of Clinical Medicine, Norway, ⁴Aalborg University Hospital, Department of Radiology, Denmark, ⁵Haukeland University Hospital, Department of Radiology, Norway
- P3-041 **To save pancreas or not depends on which name you choose: DUODENAL DYSTROPHY, GROOVE OR PARADUODENAL PANCREATITIS. 77 cases of DD and 1 case of unchanged aberrant duodenal pancreas**
V. Egorov, R. Petrov
Bakhrushin Brothers City Hospital, Surgical oncology, Russian Federation
- P3-042 **Nutritional deficiencies distribution in asymptomatic patients with pancreatic exocrine insufficiency due to chronic pancreatitis**
M. Kovacheva-Slavova¹, S. Siminkovitch¹, J. Genov¹, B. Golemanov¹, R. Mitova¹, P. Gecov², B. Vladimirov¹
¹University Hospital Tsaritsa Ioanna-ISUL, Gastroenterology, Bulgaria, ²University Hospital Tsaritsa Ioanna-ISUL, Medical imaging, Bulgaria
- P3-043 **Sensory testing can objectify pain in chronic pancreatitis**
L. Kuhlmann^{1,2,3}, S. S. Olesen^{1,3}, D. Grønlund^{1,4}, A. E. Olesen^{1,4}, A. M. Drewes^{1,3}
¹MechSense, Department of gastroenterology, Aalborg University Hospital, Denmark, ²North Denmark Regional Hospital, Department of Internal medicine, Denmark, ³Aalborg University, Clinical Institute, Denmark, ⁴Aalborg University, Clinical institute, Denmark
- P3-044 **Role Of Faecal Elastase In Predicting Echoendoscopic Findings In Chronic Pancreatitis**
C. Verdejo Gil¹, R. Salmoral Luque¹, B. López Viedma², M. Úbeda Portugués¹, J. R. Muñoz³, L. Rincón⁴
¹Hospital General Universitario de Ciudad Real, Gastroenterology, Spain, ²Hospital General Universitario de Ciudad Real, Endoscopy, Spain, ³Hospital General Universitario de Ciudad Real, Research support Unit, Spain, ⁴Hospital General Universitario de Ciudad Real, Clinical Analysis, Spain
- P3-045 **Rate of bacterial overgrowth syndrome in chronic pancreatitis**
N. Gubergits, N. Byelyayeva, G. Lukashevich, P. Fomenko, O. Klochkov
Donetsk National Medical University, Ukraine
- P3-046 **Peculiarities of ethanol metabolism in patients with chronic alcoholic pancreatitis in Ukraine**
N. Byelyayeva, N. Gubergits
Donetsk National Medical University, Ukraine

- P3-047** **Meta-Analysis of the Long Term Success Rate of Different Interventions in Benign Biliary Strictures**
 Á. Szücs^{1,2}, O. Huszár¹, B. Kokas¹, P. Mátrai², P. Hegyi², E. Pétervári², Á. Vincze³, G. Pár³, P. Sarlós³, J. Bajor³, J. Czimmer³, D. Mosztbacher⁴, K. Márta², C. Zsiborás², P. Varjú²
¹Semmelweis University, 1st Department of Surgery, Hungary, ²Institute for Translational Medicine, University of Pécs, Hungary, ³Division of Gastroenterology, First Department of Medicine, University of Pécs, Hungary, ⁴1st Department of Paediatrics, Semmelweis University, Hungary
- P3-048** **Secretin stimulated MRI demonstrating variable exocrine pancreatic secretory output reduction in in different groups of pancreatic disease**
 T. Engjom¹, A. Madzak², E. Tjora³, F. Erchinger⁴, G. Dimcevski⁵, I. S. Haldorsen⁶, J. B. Frøkjær⁷
¹University of Bergen, Department of Clinical medicine, Norway, ²Aalborg University Hospital, Dept. of Radiology,, Denmark, ³Haukeland University Hospital, Pediatric department, Norway, ⁴Voss Hospital, Department of medicine, Norway, ⁵University of Bergen, Department of Clinical Medicine, Norway, ⁶Haukeland University Hospital, Department of Radiology, Norway, ⁷Aalborg University Hospital, Dept. of Radiology, Denmark
- P3-049** **Pancreas specific plasma amylase for assessment and diagnosis of chronic pancreatitis: new insights on an old topic**
 S. Schou Olesen¹, H. Krarup², J. Lykke Poulsen³, J. Hagstrup Christensen⁴, A. Mohr Drewes³
¹Aalborg University Hospital, Centre for Pancreatic Diseases, Department of Gastroenterology and Hepatology, Denmark, ²Aalborg University Hospital, Section of Molecular Diagnostics, Clinical Biochemistry, Denmark, ³Aalborg University Hospital, Centre for Pancreatic Diseases, Department of Gastroenterology and Hepatology, Denmark, ⁴Aalborg University Hospital, Department of Nephrology, Denmark
- P3-050** **Outcomes of surgical treatment in chronic pancreatitis - 13 years of experience of the high volume center.**
 M. Hampel, A. Surowiecka-Pastewka, M. Matejak-Górska, M. Durlík
 Central Clinical Hospital of the Ministry of the Interior, Department of Gastroenterological Surgery and Transplantation, Poland
- P3-051** **Diagnostic significance of hair magnesium value in patients with chronic pancreatitis**
 N. Gubergrits, N. Byelyayeva, G. Lukashevich, P. Fomenko, O. Klochov
 Donetsk National Medical University, Ukraine
- P3-052** **Fat and calorie output in exocrine pancreatic insufficiency - The role of pancreatic enzymes**
 F. Erchinger^{1,2}, A. K. N. Øvre², M. M. Aarseth², T. Engjom^{1,2}, I. Brønstad², G. Dimcevski², O. A. Gudbrandsen², E. Tjora^{3,4}
¹Haukeland University Hospital, Department of Medicine, Norway, ²University of Bergen, Department of Clinical Medicine, Norway, ³Haukeland University Hospital, Department of Pediatrics, Norway, ⁴University of Bergen, Department of Clinical Science, Norway
- P3-053** **Clinical Characteristics of Pancreas Divisum(PD) with Chronic Pancreatitis(CP) in Our Hospital**
 K. Nishiguchi, T. Ito
 jcho osaka hospital, gastroenterology, Japan



- P3-054 **How long should last maintenance therapy in autoimmune pancreatitis: a systematic review and meta-analysis**
B. Magro¹, C. Celsa¹, M. Tacelli^{1,2}, C. Cammà¹
¹Università degli Studi di Palermo, Gastroenterology, Italy, ²IRCCS-ISMETT (Istituto Mediterraneo per i Trapianti e Terapie ad alta specializzazione), Endoscopy Service, Department of Diagnostic and Therapeutic Services, Italy
- P3-055 **IgG4-related pancreatitis: clinical and instrumental features and therapeutic pathways from a series of 153 patients**
G. De Marchi, A. Amodio, P. Campagnola, V. Trevisan, A. Brandolese, S. F. Crinò, L. Bernardoni, R. Ciccocioppo, A. Gabbrielli, L. Frulloni
Gastroenterology B Unit, Pancreas Institute, University of Verona, Italy
- P3-056 **Diagnosis, treatment and long-term outcomes of autoimmune pancreatitis in Sweden**
M. Vujasinovic¹, R. Valente^{1,2}, S. L. Haas¹, M. Del Chiaro¹, U. Arnelo¹, J.-M. Löhr¹
¹Karolinska University Hospital, Department for Digestive Diseases, Sweden, ²Sapienza University of Rome, Italy
- P3-057 **Analysis of basophils in patients with type 1 autoimmune pancreatitis.**
M. Yanagawa¹, K. Uchida², K. Okazaki²
¹Kansai Medical University, The third department of internal medicine, Japan, ²Kansai Medical University, Japan
- P3-058 **Usefulness of IgG4 immunostaining of duodenal papilla biopsy specimens in diagnosis of autoimmune pancreatitis**
M. Wyszowski¹, M. Lipinski¹, M. Degowska¹, A. Nasierowska-Guttmejer², B. Skrzydło-Radomska³, G. Rydzewska¹
¹Central Clinical Hospital of the Ministry of Interior, Department of Gastroenterology, Poland, ²Central Clinical Hospital of the Ministry of Interior, Department of Pathology, Poland, ³Medical University of Lublin, Chair and Department of Gastroenterology, Poland
- P3-059 **Increase of Circulating Memory B cells after Glucocorticoid-Induced Remission Identifies Patients at Risk of IgG4-Related Autoimmune Pancreatitis Relapse**
M. Lanzillotta¹, E. Della Torre², E. Bozzolo³, P. G. Arcidiacono⁴, S. Crippa⁵, L. Dagna³, M. Falconi⁵
¹San Raffaele Scientific Institute, Italy, ²San Raffaele Scientific Institute, Unit of Immunology, Rheumatology and Rare Diseases, UNIRaR, Italy, ³San Raffaele Scientific Institute, Unit of Immunology Rheumatology and Rare Diseases UNIRaR, Italy, ⁴San Raffaele Scientific Institute, Unit of Gastroenterology and Endoscopic Ultrasound, Italy, ⁵San Raffaele Scientific Institute, Unit of Pancreatic Surgery, Italy
- P3-060 **Differentiation of Autoimmune Pancreatitis from Pancreatic Cancer Remains Challenging**
L. D. Dickerson¹, A. Farooq², F. Bano², J. Kleeff^{3,4}, C. Halloran¹, M. Raraty¹, P. Ghaneh¹, R. Sutton¹, P. Whelan¹, F. Campbell⁵, P. Healey², J. P. Neoptolemos^{1,4,6}, V. S. Yip¹
¹Royal Liverpool University Hospital, Pancreas Unit, Department of General Surgery, United Kingdom, ²Royal Liverpool University Hospital, Department of Radiology, United Kingdom, ³Martin-Luther-University Halle-Wittenberg, Department of Visceral, Vascular and Endocrine Surgery, Germany, ⁴University of Liverpool, Department of Molecular and Clinical Cancer Medicine, Institute of Translational Medicine, United Kingdom, ⁵Royal Liverpool University Hospital, Department of Pathology, United Kingdom, ⁶University of Heidelberg, Department of General, Visceral and Transplantation Surgery, Germany

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4. Experimental pancreatitis and cell biology II

- P3-061** Expression of Wnt/ β catenin pathway proteins in human pancreatic fibrosis and in mono- and co-cultures of mouse pancreatic acinar and stellate cells
M. Bläuer¹, M. Laaninen, J. Sand, J. Laukkanen
Tampere Pancreas Laboratory, Department of Gastroenterology and Alimentary Tract Surgery, Tampere University Hospital, FIN-33521 Tampere, Finland and Faculty of Medicine and Life Sciences, University of Tampere, FI-33520, Finland
- P3-062** Inhibition of nNOS ameliorates pain in chronic pancreatitis
I. E. Demir¹, T. Heinrich¹, D. G. Carty¹, Ö. C. Saricaoglu¹, S. Klaus¹, K. N. Diakopoulos², M. Lesina², H. Algül², H. Friess¹, G. O. Ceyhan¹
¹Klinikum rechts der Isar, Technische Universität Munich, Department of Surgery, Germany, ²Klinikum rechts der Isar, Technische Universität Munich, Department of Internal Medicine II, Germany
- P3-063** Role of the endogenous obestatin/G-protein coupled receptor 39 (GPR39) system in the regulation of proliferation and migration of activated human pancreatic stellate cells
L. Estévez-Perez¹, S. Leal-lopez¹, A. Sanchez-Temprano¹, B. Otero-Alen¹, C. Seoane-Mosteiro², R. Gallego-Gomez^{1,3}, M. Löhr⁴, J. E. Dominguez-Muñoz^{1,5}, J. Perez-Camiña², Y. Pazos-Randulfe¹
¹Health Research Institute of Santiago de Compostela (IDIS), Digestive Diseases Research Group, Spain, ²Health Research Institute of Santiago de Compostela (IDIS), Cell Endocrinology, Spain, ³University of Santiago de Compostela, Morphological Sciences, Spain, ⁴Karolinska Universitetssjukhuset, Clinical Science, Sweden, ⁵University Hospital of Santiago de Compostela, Gastroenterology, Spain
- P3-064** Investigation of the pathomechanism of smoke-induced pancreatic damage
P. Pallagi¹, D. Tálas¹, V. Venglovecz², E. Tóth¹, Z. Balla³, K. Tóth¹, A. Schnúr¹, J. Maléth¹, D. Csúpor⁴, Z. Rakonczay Jr³, P. Hegyi⁵
¹University of Szeged, First Department of Medicine, Hungary, ²University of Szeged, Department of Pharmacology and Pharmacotherapy, Hungary, ³University of Szeged, Department of Pathophysiology, Hungary, ⁴University of Szeged, Department of Pharmacognosy, Hungary, ⁵University of Pécs, Institute for Translational Medicine & 1st Department of Medicine, Hungary
- P3-065** Role of heat shock protein 70 in chronic pancreatitis: An experimental study
J. M. Lee, H. S. Lee, C. D. Kim
Korea University College of Medicine, Division of Gastroenterology and Hepatology, Department of Internal Medicine, South Korea
- P3-066** Altered O- and N-linked glycosylation profiles in carboxyl ester lipase (CEL) protein variants involved in chronic pancreatitis and MODY8 syndrome
K. El Jellas^{1,2}, S. M. Haslam³, M. H. Choi¹, A. Dell³, B. B. Johansson⁴, K. Fjeld⁵, A. Molven^{1,2}
¹Haukeland University Hospital, Gade Laboratory for Pathology, Norway, ²University of Bergen, Department of Clinical Science 1, Norway, ³Imperial College London, Department of Life Sciences, United Kingdom, ⁴Haukeland University Hospital, Department of Pediatrics and Adolescent Medicine, Norway, ⁵Haukeland University Hospital, Department of Medical Genetics, Norway
- P3-067** MiR-502 is the first reported miRNA targeting simultaneously classical non-homologous end joining (NHEJ) and the cell cycle response
A. A. Smolinska¹, J. Swoboda¹, W. Fendler^{2,3}, M. M. Lerch¹, M. Sendler¹, P. Moskwa¹
¹Medical University of Greifswald, Department of Internal Medicine A, Germany, ²Medical University of Lodz, Department of Biostatistics and Translational Medicine, Poland, ³Dana-Farber Cancer Institute, Department of Radiation Oncology, United States

P3-068 PMCA pump dysfunction causes Ca²⁺ overload and pancreatic ductal epithelial cell damage in cystic fibrosis

T. Madacsy¹, A. Varga¹, A. Schmidt¹, J. Fanczal¹, P. Pallagi², Z. Rakonczay Jr.³, P. Hegyi^{4,5}, Z. Razga⁶, A. Kleger⁷, I. Nemeth⁸, M. Gray⁹, J. Maleth^{1,10}

¹University of Szeged, First Dept of Medicine and MTA-SZTE Momentum Epithel Cell Signalling and Secretion Research Group, Hungary, ²University of Szeged, Department of Pharmacology, Hungary, ³University of Szeged, Department of Pathophysiology, Hungary, ⁴University of Szeged, First Dept of Medicine, Hungary, ⁵University of Pécs, Department of Translational Medicine/1st Department of Medicine, Hungary, ⁶University of Szeged, Department of Pathology, Hungary, ⁷University Medical Center Ulm, Department of Internal Medicine I, Germany, ⁸University of Szeged, Department of Dermatology, Hungary, ⁹Newcastle University, Institute for Cell and Molecular Biosciences, United Kingdom, ¹⁰University of Szeged, Department of Public Health, Hungary

P3-069 The activity of the lipid peroxidation system and antioxidant protection in patients with pancreatic steatosis and non-alcoholic steatohepatitis

O. Kuzminska¹, O. Khukhlina², A. Antoniv², V. Kropyva¹, L. Rozhok¹

¹Chernivtsi emergency hospital, Ukraine, ²Bukovinian State Medical University, Ukraine

P3-070 Adaptive Rewiring of Oncogenic Signalling upon MTOR Deletion in Pancreatic Cancer

Z. Hassan¹, C. Schneeweis¹, M. Wirth², C. Veltkamp¹, Z. Dantes³, B. Feuerrecker⁴, G. O. Ceyhan³, S. K. Knaue⁵, W. Weichert⁶, R. M. Schmid¹, R. Stauber⁷, A. Arlt⁸, O. H. Krämer⁹, R. Rad¹, M. Reichert¹, D. Saur¹, G. Schneider¹

¹Technische Universität Munich, Klinik und Poliklinik für Innere Medizin II, Germany, ²Universitätsklinikum düsseldorf, Institut für Pathologie, Germany, ³Technische Universität Munich, Department of Surgery, Germany, ⁴Technische Universität Munich, Department of Nuclear Medicine, Germany, ⁵Universität Duisburg-Essen, Zentrum für Medizinische Biotechnologie Logo, Germany, ⁶Technische Universität Munich, Institut für Pathologie, Germany, ⁷Johannes Gutenberg-Universität Mainz, Molecular and Cellular Oncology/ENT, Germany, ⁸Universitätsklinikum Schleswig-Holstein, UKSH Klinik für Innere Medizin I - Gastroenterologie, Hepatologie, Ernährungs- und Altersmedizin, Germany, ⁹Universitätsmedizin Mainz, Institute of Toxicology, Germany

P3-071 Chimeric oncogene EWS/FLI-1 induces adipocyte replacement in pancreas.

Y. Sunami¹, I. Regel², B. Kong³, S. Raulefs³, C. Michalski¹, J. Kleeff¹

¹Universitätsklinikum Halle, Martin-Luther-University Halle-Wittenberg, Department of Visceral, Vascular and Endocrine Surgery, Germany, ²Klinikum der Universität Munich, Ludwig-Maximilian University Munich, Department of Medicine II, Germany, ³Klinikum rechts der Isar, Technical University Munich, Department of Surgery, Germany

P3-072 Translational control of DNA replication by 4E-BP1 in pancreatic cancer

D. Müller¹, T. Gouillet de Rugy¹, S. Shin¹, R. Samain¹, R. Baer¹, M. Strehaiano¹, L. Masvidal-Sanz², J. Guillermet-Guibert¹, C. Jean¹, Y. Tsukumo³, N. Sonenberg⁴, F. Marion⁵, N. Guilbaud⁵, J.-S. Hoffman¹, O. Larsson², C. Bousquet¹, S. Pyronnet¹, Y. Martineau¹

¹Cancer Research Center of Toulouse, Inserm U1037, France, ²Karolinska Institutet, Department of Oncology-Pathology, Science for Life Laboratory, Sweden, ³National Institute of Health Sciences, Molecular Diagnostics Section, Division of Molecular Target and Gene Therapy Products, Japan, ⁴McGill University, Department of Biochemistry and Goodman Cancer Research Centre, Canada, ⁵Laboratoires Pierre Fabre, Research and Development Center, France

- P3-073 **Clinicopathological Features and Immune Profiles of Follicular Pancreatitis**
H. Ryota¹, M. Ishida², S. Satoi¹, H. Yanagimoto¹, Y. Tomohisa¹, H. Kosaka¹, S. Hirooka¹, S. Yamaki¹, M. Kotsuka¹, Y. Matsui¹, K. Okazaki³, K. Tsuta²
¹Kansai Medical University, Surgery, Japan, ²Kansai Medical University, Pathology and laboratory medicine, Japan, ³Kansai Medical University, Internal medicine 3, Japan
- P3-074 **P90-RSK as a synthetic lethal target in pancreatic cancer - molecular characterization and therapeutic inhibition**
J. Riedel¹, N. Milosevic², J. von Kries³, M. Nazare⁴, H. Griesmann¹, P. Michl¹
¹University Hospital, Gastrointestinal Oncology, Germany, ²University Gießen, Department of Veterinary Medicine, Germany, ³Leipzig Institute for molecular pharmacology, Screening Unit, Germany, ⁴Leipzig Institute for molecular pharmacology, Chemical biology, Germany
- P3-075 **PDAC-derived cell lines show phenotypic heterogeneity in response to an EMT-stimulus**
S. Bärthel¹, K. Schuck¹, Q. Müller¹, M. Zukowska¹, N. Schönhuber¹, C. Veltkamp¹, B. Seidler¹, R. M. Schmid^{1, 2, 3}, D. Saur^{1, 2, 3}
¹Department of Internal Medicine II, Klinikum rechts der Isar, TranslaTUM, Germany, ²German Cancer Research Center (DKFZ), Germany, ³German Cancer Consortium (DKTK), Germany
- P3-076 **Discovery analysis of cancer-relevant genes uniquely expressed in dedifferentiated human acinar cells and not in duct cells**
E. Backx¹, E. Wauters¹, M. Van Bulck¹, J. Baldan¹, Z. Ling¹, L. Bouwens¹, P. Jacquemin², I. Houbracken¹, I. Rooman¹
¹Vrije Universiteit Brussel, Oncology Research Centre, Belgium, ²Université catholique de Louvain, de Duve Institute, Belgium
- P3-077 **A coherent roadmap to generate either pancreatic acinar or duct-like cells from human pluripotent stem cells challenges pancreatic cancer biology**
M. Hohwieler, M. Breunig, J. Merkle, S. Heller, T. Seufferlein, P.-O. Frappart, A. Kleger
Department of Internal Medicine 1, Ulm University Hospital, Germany
- P3-078 **Fluid secretion is significantly reduced in pancreatic ducts from newborn ferrets and pigs with cystic fibrosis**
E. Tóth^{1, 2}, P. G. Rotti³, P. Pallagi¹, V. Venglovecz⁴, Z. J. Rakonczay⁵, J. Maléth^{1, 6, 7}, A. Uc⁸, J. Engelhardt³, P. Hegyi^{2, 9}
¹University of Szeged, First Department of Medicine, Hungary, ²University of Szeged, MTA-SZTE Momentum Translational Gastroenterology Research Group, Hungary, ³University of Iowa, Department of Anatomy and Cell Biology, United States, ⁴University of Szeged, Department of Pharmacology and Pharmacotherapy, Hungary, ⁵University of Szeged, Department of Pathophysiology, Hungary, ⁶University of Szeged, Momentum Epithel Cell Signalling and Secretion Research Group, Hungarian Academy of Sciences, Hungary, ⁷University of Szeged, Department of Public Health, Hungary, ⁸University of Iowa, Departments of Pediatrics, United States, ⁹University of Pécs, Institute for Translational Medicine/1st Department of Medicine, Hungary
- P3-079 **Ampullary Adenocarcinomas: the immunohistochemical score of CDX2, CK7 and CK 20 identify pathological subtypes and their prognosis**
M. Palmeri¹, L. E. Pollina², N. Funel², N. Furbetta¹, G. Di Franco¹, S. Guadagni¹, D. Gianardi¹, M. Bianchini¹, E. Vasile³, A. Falcone³, G. Di Candio¹, M. Del Chiaro⁴, F. Mosca⁵, L. Morelli^{1, 5}
¹General Surgery Unit - University of Pisa, Italy, ²Division of Surgical Pathology - University of Pisa, Italy, ³Medical Oncology Unit - University of Pisa, Italy, ⁴Karolinska Institutet, Pancreatic Surgery Unit, Sweden, ⁵EndoCAS (Center for Computer Assisted Surgery), University of Pisa, Italy

- P3-080** **Pancreatic ductal organoid cultures are suitable model to study pancreatic ductal ion secretion**
R. Molnár¹, B. Molnár¹, J. Fanczal¹, T. Madácsy¹, Z. Rakonczay², P. Hegyi^{1,3}, J. Maléth^{1,4}
¹University of Szeged, First Department of Medicine First Dept of Medicine and MTA-SZTE Momentum Epithel Cell Signalling and Secretion Research Group, Hungary, ²University of Szeged, Department of Pathophysiology, Hungary, ³University of Pécs, Department of Translational Medicine/1st Department of Medicine, Hungary, ⁴University of Szeged, Department of Public Health, Hungary
- P3-081** **Characterization of Ca²⁺ responses to pancreatic juice in primary acinar cells and gene expression profile in tissues from chronic pancreatitis patients of both sexes**
B. Hasdemir¹, L. Lee², D. Conwell³, A. Bhargava¹
¹University of California San Francisco, Obgyn, United States, ²Brigham and Women's Hospital, Harvard Medical School, United States, ³Ohio State University, Wexner Medical Center, United States
- P3-082** **Lights and shadows of molecular pathology and immunotherapy in adjuvant setting of patients with pancreatic ductal adenocarcinoma: tumor volume and microsatellite instability inversely affect early progression free survival**
N. Funel¹, L. E. Pollina¹, M. Palmeri², G. Di Franco², S. Guadagni², N. Furbetta², D. Gianardi², M. Bianchini², M. Gentiluomo³, D. Campa³, E. Vasile⁴, L. Fornaro⁴, S. Catanese⁴, G. Di Candio², A. Falcone⁴, F. Mosca⁵, L. Morelli^{2,5}
¹Division of Surgical Pathology - University of Pisa, Italy, ²General Surgery Unit - University of Pisa, Italy, ³Department of Biology and Genetics - University of Pisa, Italy, ⁴Medical Oncology Unit - University of Pisa, Italy, ⁵EndoCAS (Center for Computer Assisted Surgery), University of Pisa, Italy
- P3-083** **Feedback Loops of Canonical WNT Regulate Stemness Traits in Pancreatic Cancer Cells**
M. Ilmer¹, J. Wang¹, B. Renz¹, S. Ormanns², M. Weniger¹, D. Horst², J. D'Haese¹, J. Werner¹, A. Bazhin¹
¹Ludwig-Maximilians-University Munich, General, Visceral and Transplantation Surgery, Germany, ²Ludwig-Maximilians-University (LMU) Munich, Pathology, Germany
- P3-084** **Factors associated with pancreatic exocrine insufficiency (PEI) in patients after restrictive and malabsorptive bariatric surgery**
L. Uribarri-Gonzalez^{1,2}, L. Nieto-García¹, J. Librero-López³, A. Martis-Sueiro⁴, J. E. Dominguez-Muñoz¹
¹University Hospital of Santiago de Compostela, Department of Gastroenterology, Spain, ²Hospital Complex of Navarra, Department of Gastroenterology, Spain, ³Hospital Complex of Navarra, Statistics department, Spain, ⁴University Hospital of Santiago de Compostela, Department of Endocrinology, Spain
- P3-198** **Orientating study about the effects of exocrine pancreatic insufficiency (with or without pancreatic enzyme therapy) on microbiota of ileal and fecal samples – using the animal model of the pancreatic duct ligated, ileo-cecal fistulized minipig**
A. Mößeler¹, M. Vital², S. Rath², S. Handl³, L. Schulten¹, J. Kamphues¹
¹University of Veterinary Medicine Hannover, Institute for Animal Nutrition, Germany, ²Helmholtz Centre for Infection Research, Germany, ³Futterambulanz, Austria
- P3-199** **Non classical macrophage polarization regulates the immune response during acute pancreatitis.**
A. Wilden¹, J. Glaubitz¹, J. Golchert², G. Homuth², F. U. Weiss¹, J. Mayerle³, M. M. Lerch¹, M. Sendler¹
¹University Medicine Greifswald, Department of Medicine A, Germany, ²University Medicine, Interfaculty Institutes for Genetics and Functional Genomics, Germany, ³Klinikum der LMU Munich-Grosshadern, Medizinische Klinik und Poliklinik II, Germany

13:00–14:30

Friday, 15th June 2018

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5. Pancreatic Cancer II

- P3-085 **Comprehensive analysis of links between diabetes and pancreatic cancer: A bioinformatical approach**
Z. Lu, L. Yin, G. Wang, Y. Peng, Y. Miao
The First Affiliated Hospital of Nanjing Medical University, China
- P3-086 **Prognostic and diagnostic value of REG4 serum and tissue expression in pancreatic ductal adenocarcinoma**
K. Saukkonen¹, J. Hagström², H. Mustonen¹, L. Lehtinen³, O. Carpen², L. Andersson², H. Seppänen¹, C. Haglund¹
¹Helsinki University Hospital, Dept. of Surgery, Finland, ²Helsinki University Hospital, Department of Pathology, Finland, ³Turku University Hospital, Department of Pathology, Finland
- P3-087 **Biomarker predication of efficacy to gemcitabine plus vandetanib in phase II, double blind multicentre randomised controlled trial of gemcitabine placebo in locally advanced or metastatic pancreatic carcinoma**
A. Evans¹, R. Jackson¹, V. E. Shaw¹, P. Ghaneh¹, J. Wadsley², J. W. Valle³, H. Wasan⁴, S. Falk⁵, D. Cunningham⁶, F. Y. Coxon⁷, P. J. Ross⁸, N. Wadd⁹, T. Hickish¹⁰, E. Costello¹, F. Campbell¹, C. Rawcliffe¹, J. P. Neoptolemos¹¹, D. H. Palmer¹, W. Greenhalf¹, G. Middleton¹²
¹University of Liverpool, Liverpool Cancer Research U.K. Cancer Trials Unit and the LCTU-GCPLabs, United Kingdom, ²Weston Park Hospital, United Kingdom, ³The Christie Hospital NHS Foundation Trust, United Kingdom, ⁴Hammersmith Hospital, Imperial College London, United Kingdom, ⁵Bristol Haematology and Oncology Centre, United Kingdom, ⁶The Royal Marsden Hospital, United Kingdom, ⁷Northern Centre for Cancer Care, United Kingdom, ⁸Guy's Hospital, United Kingdom, ⁹James Cook University Hospital, United Kingdom, ¹⁰Royal Bournemouth Hospital and Poole General Hospital, Department of Oncology, United Kingdom, ¹¹University of Heidelberg, Department of Surgery, Germany, ¹²University of Birmingham, United Kingdom
- P3-088 **Characteristics of long-term survivors and early-recurrence patients after curative resection of pancreatic ductal adenocarcinoma - a clinico-pathological analysis**
R. Goess, I. E. Demir, C. Jäger, S. Schorn, C. Mota-Reyes, H. Friess, G. O. Ceyhan
Department of Surgery, TUM, Rechts der Isar, Department of Surgery, Germany
- P3-089 **Appropriateness of pancreatic surgery in high-risk individuals for familial pancreatic ductal adenocarcinoma (PDAC): a meta-analysis and proposal a predictive score**
L. de Mestier¹, M. Müller², J. Cros³, D. Vernerey^{4, 5}, F. Maire¹, M.-P. Vullierme⁶, S. Dokmak⁷, A. Sauvanet⁷, V. Rebours¹, N. Soufir⁸, P. Levy¹, P. Hammel⁹
¹hôpital Beaujon, Pancreatology, France, ²hôpital Beaujon, Digestive Oncology, France, ³Hôpital Beaujon, Pathology, France, ⁴Digestive Oncology, France, ⁵Hôpital Jean Minjoz, Unité Quality de vie, France, ⁶hôpital Beaujon, Radiology, France, ⁷hôpital Beaujon, Surgery, France, ⁸hôpital Bichat, Genetic, France, ⁹Beaujon hospital, Digestive Oncology, France
- P3-090 **Preoperative panel of CA 19-9, coagulation FVIII, fibrin turnover marker D-dimer and thrombin time predicts postoperative survival in pancreatic ductal adenocarcinoma**
N. Mattila^{1, 2, 3}, R. Lassila³, C. Haglund², H. Seppänen²
¹University of Helsinki, Finland, ²Helsinki University Hospital, Dept. of Surgery, Finland, ³Helsinki University Hospital, Coagulation Disorders Unit, Department of Hematology, Comprehensive Cancer Center, Finland

- P3-091 Pancreatic cancer with vascular involvement : neoadjuvant treatment or not ?**
E. Buscail^{1,2,3}, **P. Jaffrezic**², **V. Vendrely**⁴, **J.-P. Adam**², **S. Dabernat**⁴, **C. Laurent**², **L. Chiche**^{2,4}
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- P3-092 Analysis of tumor response in metastatic pancreatic cancer patients treated with first-line modified FOLFIRINOX or Gemcitabine + Nab-Paclitaxel.**
C. Vivaldi¹, **C. Cappelli**², **F. Donati**², **L. Fornaro**³, **G. Musettini**¹, **G. Pasquini**¹, **I. Pecora**¹, **S. Catanese**¹, **M. Lencioni**³, **F. Salani**¹, **P. Boraschi**², **A. Falcone**¹, **E. Vasile**³
¹Azienda Ospedaliero-Universitaria Pisana, Medical Oncology Unit, Department of Translational Research and of New Surgical and Medical Technologies, Italy, ²Pisa University Hospital, Department of Diagnostic Imaging, Italy, ³Azienda Ospedaliero-Universitaria Pisana, Oncology Unit, Italy
- P3-093 Presentation symptoms and risk factors are associated with diagnostic delay and disease stage but not with prognosis in PDAC patients.**
C. Stornello¹, **L. Archibugi**¹, **S. Stigliano**¹, **B. Graglia**², **C. Capalbo**³, **G. Nigri**², **M. Milella**⁴, **G. Delle Fave**¹, **G. Capurso**¹
¹S. Andrea Hospital, "La Sapienza" University, Digestive and Liver Disease Unit, Italy, ²S. Andrea Hospital, "La Sapienza" University, Surgery Unit, Italy, ³S. Andrea Hospital, "La Sapienza" University, Oncology Unit, Italy, ⁴Medical Oncology Regina Elena National Cancer Institute, Italy
- P3-094 Mutation analysis by deep sequencing of pancreatic juice in patients with pancreatic ductal adenocarcinoma**
M. H. Choi^{1,2}, **E. Mejl  nder-Larsen**¹, **S. Manueldas**², **K. El Jellas**^{1,2}, **S. J. Steine**¹, **K. Tjensvoll**³, **H. A. S  ttran**², **S. Knappskog**⁴, **D. Hoem**⁵, **O. Nordg  rd**³, **R. Hovland**⁶, **A. Molven**^{1,2,7}
¹Gade Laboratory for Pathology, Department of Clinical Medicine, University of Bergen, Norway, ²Department of Pathology, Haukeland University Hospital, Norway, ³Department of Hematology and Oncology, Stavanger University Hospital, Norway, ⁴Section of Oncology, Department of Clinical Science, University of Bergen, Norway, ⁵Department of Gastrointestinal Surgery, Haukeland University Hospital, Norway, ⁶Center for Medical Genetics and Molecular Medicine, Haukeland University Hospital, Norway, ⁷KG Jebsen Center for Diabetes Research, Department of Clinical Science, University of Bergen, Norway
- P3-095 EUS versus CT scan in establishing the T stage in surgically resected pancreatic cancer based on the new TNM 8th edition**
L. Archibugi¹, **M. C. Petrone**², **D. Tamburrino**², **S. Crippa**², **E. Dabizzi**², **A. Mariani**², **R. Nicoletti**², **C. Doglioni**², **G. Capurso**¹, **M. Falconi**², **P. G. Arcidiacono**²
¹Ospedale Sant'Andrea - University Sapienza, Italy, ²Vita Salute San Raffaele University, San Raffaele Scientific Institute, Italy
- P3-096 Clinical usefulness and assessment of prognostic significance of the pre-treatment of DWI in patients with pancreatic cancer**
S. Jovanovic¹, **R. Maksimovic**¹, **M. Bogdanovic**², **D. Knezevic**²
¹Center for Radiology and Magnetic Resonance, Serbia, ²Clinic for digestive surgery, Serbia
- P3-097 Reduced autophagy in pancreatic carcinoma: attenuation of autophagy after neoadjuvant therapy**
L. Xie, **L. Xia**, **U. Klaiber**, **M. Sachsenmaier**, **O. Strobel**, **M. W. B  chler**, **F. Fortunato**, **T. Hackert**
 University Clinic Heidelberg, Germany

- P3-098 TLR1 predicts favorable prognosis in pancreatic cancer**
M. Lanki^{1,2}, J. Hagström^{2,3}, H. Mustonen¹, H. Seppänen¹, C. Haglund^{1,2}
¹University of Helsinki and Helsinki University Hospital, Department of Surgery, Finland, ²University of Helsinki, Research Programs Unit, Translational Cancer Biology, Finland, ³University of Helsinki and Helsinki University Hospital, Department of Pathology and Oral Pathology, Finland
- P3-099 Association of the location of pancreatic ductal adenocarcinoma (head, body, tail) with tumor stage, treatment, and survival: a population-based analysis**
T. Mackay¹, F. van Erning², L. van der Geest², B. Groot Koerkamp³, H. van Laarhoven⁴, B. Bonsing⁵, J. Wilmink⁴, H. van Santvoort⁶, J. de Vos-Geelen⁷, C. van Eijck³, O. Busch¹, V. Lemmens^{2,8}, **M. Besselink**¹, Dutch Pancreatic Cancer Group
¹Cancer Center Amsterdam, Academic Medical Center, Surgery, Netherlands, ²Department of Research, Netherlands Comprehensive Cancer Organisation (IKNL), Netherlands, ³Erasmus Medical Center, Surgery, Netherlands, ⁴Cancer Center Amsterdam, Academic Medical Center, Medical Oncology, Netherlands, ⁵Leiden University Medical Center, Surgery, Netherlands, ⁶Regional Academic Cancer Center Utrecht, University Medical Center Utrecht Cancer Center & St. Antonius Hospital, Surgery, Netherlands, ⁷GROW - School for Oncology and Developmental Biology, Maastricht UMC+, Medical Oncology, Netherlands, ⁸Erasmus Medical Center, Public Health, Netherlands
- P3-100 IGF-1 (Insulin like growth factor 1) and IGFBP2 (Insulin like growth factor binding protein 2) as potential biomarkers in differentiation between chronic pancreatitis (CP) and pancreatic adenocarcinoma (PDAC) in reference to pancreatic diabetes**
B. Włodarczyk¹, A. Borkowska², P. Włodarczyk³, E. Malecka-Panas¹, A. Gasiorowska⁴
¹Medical University of Lodz, Department of Digestive Tract Diseases, Poland, ²Medical University of Lodz, Department of Internal Medicine and Diabetology, Poland, ³University of Lodz, Faculty of Economics and Sociology, Poland, ⁴Medical University of Lodz, Clinic of Gastroenterology, Poland
- P3-101 Preoperative nutritional status as predictor of complication after pancreatic surgery: high volume center experience**
M. De Pastena¹, D. Ciprani², S. Paiella², G. Marchegiani¹, G. Malleo², C. Bassi², R. Salvia²
¹AOUI Verona, General and Pancreatic Surgery, Italy, ²Hospital Pablo Tobon Uribe, Medellin, Departamento Cirugía Hepato Biliar y Pancreatica, Colombia
- P3-102 Treatment strategies of resectable pancreatic cancer with hazy density around major artery**
T. Kato, D. Ban, J. Yoshino, T. Ogura, K. Ogawa, H. Ono, Y. Mitsunori, A. Kudo, M. Tanabe
Tokyo Medical and Dental University, Department of Hepato-Biliary and Pancreatic Surgery, Japan
- P3-103 Pancreatic intra-epithelial neoplasia in resection margin and around pancreatic cancer predict local recurrence after pancreaticoduodenectomy**
M. Bezmarevic¹, D. Mirkovic¹, I. Tufegdžić², M. Zarić², I. Soldatović³, Z. Kostić⁴
¹Clinic for General Surgery, Military Medical Academy, Department of Hepatobiliary and Pancreatic Surgery, Serbia, ²Institute of Pathology and Forensic Medicine, Military Medical Academy, Serbia, ³Institute of Statistic and Informatic, Faculty of Medicine, University of Belgrade, Serbia, ⁴Clinic for General Surgery, Military Medical Academy, Serbia
- P3-104 Anergic Natural Killer Cells Educated by Tumor Cells are Associated with Poor Prognosis in Patients with Advanced Pancreatic Ductal Adenocarcinoma**
C. Yang, C. Liu, X. Yu
Fudan University Shanghai Cancer Center, China

- P3-105 Pancreatic adenocarcinoma : what is the real outcome of patients with major response to neoadjuvant treatment ?**
E. Buscaïl^{1,2,3}, **P. Jaffrezic**², **V. Vendrely**⁴, **S. Dabernat**⁴, **J.-P. Adam**², **C. Laurent**², **L. Chiche**^{2,4}
¹CHU Bordeaux, Pancreatic and hepatobiliary surgery, France, ²CHU Bordeaux/Bordeaux University, Chirurgie hepato-bilio-pancreatique, France, ³CHU Bordeaux, France, ⁴CHU Bordeaux/Bordeaux University, INSERM 1035, France
- P3-106 Radiofrequency ablation and irreversible electroporation in locally advanced pancreatic cancer: competitive or complementary treatment modalities?**
I. Q. Molenaar¹, **M. S. Walma**¹, **J. A. Vogel**², **E. van Veldhuisen**², **O. R. Busch**², **J. W. Wilmink**³, **H. C. van Santvoort**^{1,4}, **M. G. Besselink**², **K. P. van Lienden**⁵
¹University Medical Center Utrecht, Surgery, Netherlands, ²Academic Medical Center Amsterdam, Surgery, Netherlands, ³Academic Medical Center Amsterdam, Medical Oncology, Netherlands, ⁴St. Antonius Hospital, Surgery, Netherlands, ⁵Academic Medical Center Amsterdam, Radiology, Netherlands
- P3-107 Clinical prediction models for survival in resectable pancreatic ductal adenocarcinoma: a systematic review**
M. Strijker¹, **J. Chen**¹, **T. Mungroop**¹, **N. Jamieson**^{2,3}, **S. van Dieren**¹, **E. Steyerberg**⁴, **J. Wilmink**⁵, **O. Busch**¹, **B. Groot Koerkamp**⁶, **H. van Laarhoven**⁵, **M. Besselink**¹
¹Cancer Center Amsterdam, Academic Medical Center, University of Amsterdam, Department of Surgery, Netherlands, ²West of Scotland Pancreatic Unit, Glasgow Royal Infirmary, United Kingdom, ³Institute of Cancer Sciences, University of Glasgow, United Kingdom, ⁴Leiden University Medical Center, Department of Biomedical Data Sciences, Netherlands, ⁵Cancer Center Amsterdam, Academic Medical Center, University of Amsterdam, Department of Medical Oncology, Netherlands, ⁶Erasmus Medical Center, Department of Surgery, Netherlands
- P3-108 Pancreas resection with vein reconstruction in pancreatic cancer.**
M. Durlík, **G. Witkowski**, **A. Maliszewska**, **A. Surowiecka-Pastewka**, **I. Ziobrowski**, **M. Derejska**, **M. Matejak-Górska**, **T. Chelchowski**
 Central Clinical Hospital, Ministry of the Interior in Warsaw, Poland, Department of General and Transplantation Surgery, Poland
- P3-109 Organ-preserving and extensive pancreatic surgery for VON HIPPEL-LINDAU disease. Six cases of 42 patients under surveillance.**
V. Egorov¹, **R. Petrov**¹, **D. Beltsevich**²
¹Bakhrushin Brothers City Hospital, Surgical oncology, Russian Federation, ²Endocrinological Scientific Centre, Surgery, Russian Federation
- P3-110 Portal Vein Resection in PDAC of the Pancreas Head**
S. A. Safi¹, **S. Heueveldop**², **M. Thiebes**¹, **L. Haeberle**³, **H. Ashmawy**¹, **A. Rehders**¹, **A. Krieg**¹, **W. T. Knoefel**¹
¹University Hospital of Duesseldorf, Department of General, Visceral, Thoracic and Paediatric Surgery, Germany, ²University Hospital of Duesseldorf, Institute of Radiology, Germany, ³University Hospital of Duesseldorf, Institute of Pathology, Germany
- P3-111 Induced chemotherapy plus consolidative chemoradiotherapy is an optimal regimen for locally advanced pancreatic cancer A single institutional prospective phase II clinical trial**
W. Lou¹, **L. Wu**², **Y. Zhou**³
¹Zhongshan Hospital, Fudan University, Department of Pancreatic Surgery, China, ²Zhongshan Hospital, Fudan University, Department of Radiation, China, ³Zhongshan Hospital, Fudan University, department of Oncology, China

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Friday, 15th June 2018

- P3-112 **Vascular resection during Robotic Pancreaticoduodenectomy: Our Initial Experience**
M. V. Marino¹, A. L. Komorowski²
¹University Hospital of Palermo, Emergency and General Surgery, Italy, ²Maria Skłodowska-Curie Memorial Institute of Oncology Cancer Centre, Surgical Oncology, Poland
- P3-113 **Biliary metal stents in patients with malignant jaundice and CBD stricture: a retrospective cohort study comparing uncovered, partially covered and fully covered stents**
L. Archibugi¹, A. Mariani², M. Traini², M. C. Petrone², E. Dabizzi², G. Rossi², S. Testoni², P. A. Testoni², P. G. Arcidiacono²
¹Ospedale Sant'Andrea - University Sapienza, Italy, ²Vita Salute San Raffaele University, San Raffaele Scientific Institute, Italy
- P3-114 **Modified Radical Antegrade Modular Pancreatosplenectomy**
K. Jiang, J. Chen, F. Guo, J. Wei, Z. Lu, Y. Miao
 The First Affiliated Hospital of Nanjing Medical University, China
- P3-115 **Pancreatic intra-epithelial neoplasia and histological grade of pancreatic cancer predict poor survival after pancreaticoduodenectomy**
M. Bezmarevic¹, D. Mirkovic¹, I. Soldatovic², Z. Kostic³, M. Zaric⁴, I. Tufegdzic⁴
¹Clinic for General Surgery, Military Medical Academy, Department of Hepatobiliary and Pancreatic Surgery, Serbia, ²Institute of Statistic and Informatic, Faculty of Medicine, University of Belgrade, Serbia, ³Clinic for General Surgery, Military Medical Academy, Serbia, ⁴Institute of Pathology and Forensic Medicine, Military Medical Academy, Serbia
- P3-116 **Ampullary Cancer: Twenty Year-Series in a Single Centre**
A. C. Milanetto, M. Da Broi, A. David, S. Pedrazzoli, C. Pasquali
 Clinica Chirurgica 1, Pancreatic and Endocrine Digestive Unit-University of Padova, Italy

P3.06

6. Neuroendocrine tumors

- P3-117 **Tumor Size Correlates with Grading in Nonfunctioning Pancreatic Neuroendocrine Tumors and is not age-dependent.**
F. Muffatti¹, S. Partelli¹, P. Rancoita¹, V. Andreasi¹, F. Giannone¹, G. Balzano¹, S. Crippa¹, D. Tamburrino¹, G. Zamboni², C. Doglioni¹, C. Rubini³, M. Falconi¹
¹IRCCS San Raffaele Hospital, Italy, ²Ospedale Sacro Cuore-Don Calabria, Italy, ³Università Politecnica delle Marche, Italy
- P3-118 **Pancreatic Nonfunctional Neuroendocrine Tumors - A Comparative Study**
D. Munteanu¹, A. Munteanu¹, I. C. Puia¹, N. Al Hajjar¹, A. Bartos¹, D. Bartos¹, C. Munteanu², I. Cornel¹
¹Regional Institute of Gastroenterology and Hepatology, Surgery 1, Romania, ²National Health Institute of Public Health, Regional Center Cluj, Epidemiology, Romania
- P3-119 **The number of metastatic lymph nodes is an useful predictive factor of recurrence after surgery for non-metastatic nonfunctional neuroendocrine tumors of the pancreas.**
G. Nappo, M. Cereda, V. Smioldo, G. Capretti, B. Branciforte, F. Gavazzi, C. Ridolfi, C. Carnaghi, A. Zerbi
 Humanitas Research Hospital, Italy

- P3-120 **Surgical management of insulinomas – experience with 90 patients**
D. Hoskovec¹, Z. Krska², J. Svab², J. Skrha², J. Horejs²
¹General University Hospital, 1st Department of Surgery, Czech Republic, ²General University Hospital, Czech Republic
- P3-121 **The evolution of surgical strategies for pancreatic neuroendocrine tumors (Pan-NENs): Time-trend and outcome analysis from 587 consecutive resections**
G. Marchegiani, S. Andrianello, G. Masini, S. Cingarlini, M. Miotto, B. Bianchi, G. Malleo, R. Salvia, C. Bassi, L. Landoni
Verona University, Surgery, Italy
- P3-122 **Non-functional neuroendocrine pancreatic tumours: Experience of a surgical cohort in a tertiary centre.**
M. Rullan¹, A. Elousa¹, D. Ruiz-Clavijo¹, M. Casi¹, B. González de la Higuera¹, C. Prieto¹, C. Marra-López¹, P. Sanchez², A. Tarifa², F. Bolado¹
¹Complejo Hospitalario de Navarra, Gastroenterology, Spain, ²Complejo Hospitalario de Navarra, Hepatobiliary Surgery, Spain
- P3-123 **30-years' experience and result in the surgical treatment of Pancreatic neuroendocrine tumors- single center result**
G. Farkas Jr, G. Farkas, G. Lazar
University of Szeged, Department of Surgery, Hungary
- P3-124 **Patterns of recurrence after resection for pancreatic neuroendocrine tumors: who, when, and how?**
G. Marchegiani¹, L. Landoni¹, S. Andrianello¹, G. Masini¹, S. Cingarlini², M. D'Onofrio³, R. De Robertis³, M. Davi⁴, P. Capelli⁵, E. Manfrin⁵, A. Amodio⁶, S. Paiella¹, G. Malleo¹, R. Salvia¹, C. Bassi¹
¹The Pancreas Institute, General and Pancreatic Surgery, Italy, ²The Pancreas Institute, Oncology, Italy, ³The Pancreas Institute, Radiology, Italy, ⁴The Pancreas Institute, Endocrinology, Italy, ⁵The Pancreas Institute, Pathology, Italy, ⁶The Pancreas Institute, Gastroenterology, Italy
- P3-125 **Is radical surgery generally curative in pancreatic neuroendocrine tumors? A cure model survival analysis**
C. A. Pacilio¹, C. Ricci¹, D. Campana², V. Ambrosini³, D. Santini⁴, N. Brighi², C. Mosconi³, F. Minni¹, R. Casadei¹
¹University of Bologna, Sant'Orsola-Malpighi Hospital, Surgery, Italy, ²University of Bologna, Sant'Orsola-Malpighi Hospital, Oncology, Italy, ³University of Bologna, Sant'Orsola-Malpighi Hospital, Radiology, Italy, ⁴University of Bologna, Sant'Orsola-Malpighi Hospital, Pathology, Italy
- P3-126 **Nonfunctional Pancreatic Neuroendocrine Tumor Imaging and Evaluation Using ¹⁸F-FDG and ⁶⁸Ga-DOTANOC-PET/CT: Initial Data of a Prospective Study**
S. Majala^{1,2}, H. Seppänen³, J. Kempainen^{2,4}, C. Schalin-Jäntti⁵, R. Gullichsen¹, J. Arola⁶, S. Kauhanen^{1,2}
¹Turku University Hospital, Division of Digestive Surgery and Urology, Finland, ²Turku University Hospital, Turku PET Centre, Finland, ³Helsinki University Hospital, Dept. of Surgery, Finland, ⁴Turku University Hospital, Department of Clinical Physiology and Nuclear Medicine, Finland, ⁵Helsinki University Hospital, Endocrinology, Abdominal Center, Finland, ⁶Helsinki University Hospital, Department of Pathology, Finland

13:00–14:30

Friday, 15th June 2018

- P3-127 **Outcome of Surgically Treated Patients with Pancreatic Neuroendocrine Neoplasms with Liver Metastases**
A. C. Milanetto, A. David, R. Menato, S. Pedrazzoli, C. Pasquali
Clinica Chirurgica 1, Pancreatic and Endocrine Digestive Unit-University of Padova, Italy
- P3-128 **Incidental Histological Diagnosis of Small Pancreatic Neuroendocrine Tumours: Are We Underestimating Their Incidence?**
F. Giannone¹, S. Partelli¹, F. Muffatti¹, G. Balzano¹, S. Crippa¹, D. Tamburrino¹, V. Andreasi¹, G. Zamboni², C. Rubini³, C. Doglioni⁴, M. Falconi¹
¹San Raffaele Scientific Institute, "Vita-Salute" University, Milan, Italy, Pancreatic Surgery Unit and Pathology Department, Pancreas Translational & Clinical Research Center, Italy, ²Ospedale Sacro Cuore-Don Calabria, Department of Pathology, Italy, ³Università Politecnica delle Marche, Department of Pathology, Italy, ⁴San Raffaele Scientific Institute, "Vita-Salute" University, Milan, Department of pathology, Italy
- P3-129 **What is the clinical impact of standard lymphadenectomy in G1-2 NET patients undergoing left pancreatectomy?**
F. Ausania¹, P. A. Senra del Río¹, D. Dorcaratto², M. A. Gómez-Bravo³, T. González-Nicolás⁴, E. Martín⁵, L. Sabater⁶, A. Serrablo⁴, S. Sánchez-Cabus⁷, A. Tardío Baiges⁸
¹Hospital Alvaro Cunqueiro, HPB Unit, Spain, ²Hospital Clínico Universitario, HPB Unit, Spain, ³Hospital Virgen del Rocío, HPB Unit, Spain, ⁴Hospital Miguel Servet, HPB Unit, Spain, ⁵Hospital de la Princesa, HPB Unit, Spain, ⁶Hospital Clínico Universitario, HPB Unit, Spain, ⁷Hospital Clinic, HPB Unit, Spain, ⁸Hospital Alvaro Cunqueiro, Pathology department, Spain
- P3-200 **Metastases to the Pancreas from Small Intestinal Neuroendocrine Tumors**
A. C. Milanetto, A.-L. Gais Zurcher, M. Da Broi, S. Pedrazzoli, C. Pasquali
Clinica Chirurgica 1, Pancreatic and Endocrine Digestive Unit-University of Padova, Italy

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7. Experimental pancreatic cancer II

- P3-130 **Identification of Gastrokines, gastric tumor suppressor proteins, in pancreatic carcinogenesis**
S. Steiner¹, G. Wanner- Seleznik¹, T. Reding¹, A. Gupta¹, D. Lenggenhager², K. Endhardt², R. Graf¹
¹University Hospital Zurich, Department of Surgery and Transplantation, Switzerland, ²University Hospital Zurich, Department of Pathology and Molecular Pathology, Switzerland
- P3-131 **Different mechanisms of Gemcitabine resistance in Suit-2 cell lines and Double Stranded DNA Breaks**
K. Mann, V. Chatzipavli, A. Evans, E. Costello, D. Palmer, P. Ghaneh, J. Parsons, W. Greenhalf
University of Liverpool, Molecular and Clinical Cancer Medicine, United Kingdom
- P3-132 **Stroma and tumor protein landscapes of laser microdissected pancreatic cancer predict poor prognosis**
G. Mantini¹, T. Le Large^{1, 2, 3}, L. Meijer^{1, 2}, N. Funel⁴, N. van Grieken⁵, T. Pham¹, S. Piersma¹, H. van Laarhoven^{1, 6}, C. Jimenez^{1, 7}, G. Kazemier^{1, 2, 7}, M. Bijlsma^{1, 3, 7}, E. Giovannetti^{1, 4, 7}
¹Cancer Center Amsterdam, Medical Oncology, Netherlands, ²VU University Medical Center, Surgery, Netherlands, ³Academic Medical Center, LEXOR, Netherlands, ⁴Pisa University Hospital, Italy, ⁵VU University Medical Center, Pathology, Netherlands, ⁶Academic Medical Center, Medical Oncology, Netherlands, ⁷These authors contributed equally, Netherlands

- P3-133 Glyoxalase-I: a novel target for pancreatic cancer?**
M. Hollenbach¹, J. Lorenz¹, I. Sommerer¹, S. Sonnenberg¹, J. Mössner¹, J. Rosendahl², P. Michl², A. Hoffmeister¹
¹University of Leipzig, Department of Medicine, Neurology and Dermatology; Division of Gastroenterology and Rheumatology, Germany, ²Martin-Luther University Halle-Wittenberg, Department of Medicine; Clinic for Internal Medicine I (Gastroenterology, Pneumology and Gastrointestinal Oncology), Germany
- P3-134 Parasympathetic signaling via Chrm1 directly suppresses pancreatic carcinogenesis and cancer stemness through inhibition of EGFR/MAPK and PI3K/AKT pathway.**
B. W. Renz¹, T. T. Tanaka², M. Macchini², Y. Hayakawa², M. Ilmer¹, R. Takahashi², C. B. Westphalen³, P. E. Oberstein², A. C. Iuga², R. A. Friedmann⁴, J. Werner¹, K. P. Olive², T. C. Wang²
¹University of Munich, Department of General, Visceral and Transplant Surgery, Germany, ²Columbia University Medical Center, Division of Digestive and Liver Diseases and Herbert Irving Comprehensive Cancer Center, United States, ³University of Munich, Department of Internal Medicine III, Germany, ⁴Columbia University Medical Center, Biomedical Informatics Shared Resource of the Herbert Irving Comprehensive Cancer Center and Department of Biomedical Informatics, United States
- P3-135 The effects of glycolytic inhibition on intracellular calcium homeostasis in pancreatic ductal adenocarcinoma**
D. Richardson, A. James, A. Sultan, P. Sritangos, J. Bruce
 The University of Manchester, Division of Cancer Sciences, Michael Smith Building, United Kingdom
- P3-136 An R0-resectable, genetically engineered mouse model of pancreatic cancer mimics the response to neoadjuvant chemotherapy in human pancreatic cancer**
C. Mota-Reyes¹, I. E. Demir¹, B. Mundt², J. Brooks², B. Konukiewicz³, A. Muckenhuber³, S. Teller¹, W. Weichert³, H. Friess¹, F. Kühnel², G. O. Ceyhan¹
¹Klinikum rechts der Isar, Technische Universität Munich, Department of Surgery, Germany, ²Medizinische Hochschule Hannover, Klinik für Gastroenterologie, Hepatologie und Endokrinologie, Germany, ³Klinikum rechts der Isar, Technische Universität Munich, Institute for Pathology, Germany
- P3-137 SLCC22A3 polymorphisms may influence overall patient survival- PANDORA study**
B. Mohelnikova-Duchonova^{1,2}, O. Strouhal¹, D. J. Hughes³, M. Lovecek⁴, I. Holcatova⁵, M. Oliverius⁶, Z. Kala⁷, D. Campa⁸, C. Rizzato⁹, F. Canzian¹⁰, R. Pezzilli¹¹, R. Talar-Wojnarowska¹², E. Malecka-Panas¹², C. Sperti¹³, C. F. Zamboni¹⁴, S. Pedrazzoli¹⁵, P. Fogar¹⁶, A. C. Milanetto¹³, G. Capurso¹⁷, G. Delle Fave¹⁷, R. Valente¹⁷, M. Gazouli¹⁸, G. Malleo¹⁹, R. T. Lawlor²⁰, O. Strobel²¹, T. Hackert²¹, N. Giese²¹, P. Vodicka^{22,23}, L. Vodickova^{22,23}, S. Landi⁸, F. Tavano²⁴, D. Gioffreda²⁴, A. Piepoli²⁴, V. Papienza²⁴, A. Mambrini²⁵, S. Bursi²⁵, P. Pacetti²⁵, F. Bambi²⁶, S. Ermini²⁶, N. Funel⁹, P. Soucek^{23,27}, B. Mohelnikova-Duchonova^{1,2}
¹Faculty of Medicine and Dentistry, Palacky University Olomouc, University Hospital Olomouc, Department of oncology, Czech Republic, ²Institute of Molecular and Translational Medicine, Faculty of Medicine and Dentistry, Palacky University, Czech Republic, ³UCD Conway Institute, University College Dublin, Cancer Biology and Therapeutics Group, Ireland, ⁴Faculty of Medicine and Dentistry, Palacky University Olomouc, University Hospital Olomouc, Department of Surgery, Czech Republic, ⁵Institute of Hygiene and Epidemiology, First Faculty of Medicine, Charles University in Prague, Czech Republic, ⁶Institute of Clinical and Experimental Medicine, Department of Transplantation Surgery, Czech Republic, ⁷The University Hospital and Faculty of Medicine, Department of Surgery, Czech Republic, ⁸University of Pisa, Department of Biology, Italy, ⁹University of Pisa, Department of Translational Research and New Technologies in Medicine and Surgery, Italy, ¹⁰Genomic Epidemiology Group, German Cancer Research Center (DKFZ), Germany, ¹¹Sant'Orsola-Malpighi Hospital, Department of Digestive Diseases, Italy, ¹²Medical University

of Lodz, Department of Digestive Tract Diseases, Poland, ¹³University of Padova, Department of Surgery, Oncology and Gastroenterology - DiSCOG, University of Padova, Italy, ¹⁴Department of Medicine - DIMED, University of Padova, Italy, ¹⁵Clinica Chirurgica 4, University of Padova, Italy, ¹⁶University-Hospital of Padova, Department of Laboratory Medicine, Italy, ¹⁷Digestive and Liver Disease Unit, S. Andrea Hospital, 'Sapienza' University of Rome, Italy, ¹⁸Department of Basic Medical Sciences, Laboratory of Biology, School of Medicine, University of Athens, Greece, ¹⁹Department of Surgery and Oncology, University and Hospital Trust of Verona, Italy, ²⁰ARC-NET Applied research on Cancer Centre, University and Hospital Trust of Verona, Italy, ²¹Department of General, Visceral and Transplantation Surgery, Heidelberg University Hospital, Germany, ²²Institute of Experimental Medicine, Academy of Science of Czech Republic, Prague, Czech Republic and First Faculty of Medicine, Charles University in Prague, Department of Molecular Biology of Cancer, Czech Republic, ²³Biomedical Centre, Faculty of Medicine in Pilsen, Charles University, Czech Republic, ²⁴Division of Gastroenterology and Research Laboratory, IRCCS Scientific Institute and Regional General Hospital "Casa Sollievo della Sofferenza", Italy, ²⁵Department of Oncology, Azienda USL 1 Massa Carrara, Italy, ²⁶Blood Transfusion Service, Children's Hospital Meyer, Azienda Ospedaliero Universitaria, Italy, ²⁷Institute of Public health in Prague, Institute of Public health in Prague, Czech Republic

- P3-138 EGFR1 targeted delivery of 5 Fluorouracil using tumor specific theranostic aptamers in pancreatic ductal adenocarcinoma depletes tumor stem cell population**
U. M. Mahajan¹, Q. Li¹, J. P. Kühn², T. Marshall³, B. Appel⁴, I. Regel¹, F. Lämmerhirt³, M. Sendler³, P. R. Wagh³, S. Müller⁴, F. U. Weiss³, M. M. Lerch³, J. Mayerle^{1,3}
¹Clinic of University of Munich, Medical department II, Germany, ²Universitätsmedizin Greifswald, Department of Diagnostic Radiology and Neuroradiology, Germany, ³Universitätsmedizin Greifswald, Department of Medicine A, Germany, ⁴University of Greifswald, Institute of Biochemistry, Germany
- P3-139 The Effect of Pancreatic Cancer Patient Derived Serum on Macrophage M1/M2 Polarization**
M. Juusola¹, H. Mustonen¹, S. Vainionpää¹, M. Vähä-Koskela², P. Puolakkainen¹, H. Seppänen¹
¹Helsinki University Hospital, Dept. of Surgery, Finland, ²Institute for Molecular Medicine Finland (FIMM), Finland
- P3-140 Levels of Atg5 determine pancreatic tumor formation and metastasis in mice**
K. Diakopoulos¹, K. Görgülü¹, M. Stevanovic¹, A.-F. Karpathaki¹, J. Ai¹, D. Kabacaoglu¹, K. J. Ciecelski¹, E. Kaya-Aksoy¹, D. A. Ruess¹, S. M. Wörmann¹, T. Wartmann², Y. Zhao², W. Halangk², S. Voronina³, A. Tepikin³, A. Artati⁴, J. Adamski⁴, M. Aichler⁵, A. Walch⁵, R. M. Schmid¹, M. Jastroch⁶, G. Hartleben⁶, S. Herzig⁶, B. Sainz⁷, C. S. Mantzoros⁸, M. Lesina¹, H. Algül¹
¹Klinikum rechts der Isar, Technical University Munich, Germany, ²Klinik für Chirurgie Bereich Experimentelle Operative Medizin, Universitätsklinikum Magdeburg, Germany, ³Institute of Translational Medicine, University of Liverpool, United Kingdom, ⁴Institute of Experimental Genetics, Genome Analysis Centre, Helmholtz Zentrum Munich, Germany, ⁵Research Unit Analytical Pathology, Helmholtz Zentrum Munich, Germany, ⁶Institute for Diabetes and Cancer, German Center for Diabetes Research (DZD), Germany, ⁷Department of Biochemistry, School of Medicine, Autónoma University of Madrid, Spain, ⁸Division of Endocrinology, Diabetes, and Metabolism, Beth Israel Deaconess Medical Centre, Harvard Medical School, United States
- P3-141 Functional relationship of PMCA4 and glycolytic enzyme in MIA PaCa-2 Pancreatic Cancer Cell Line**
P. Sritangos, A. James, J. Bruce
 University of Manchester, Faculty of Biology, Medicine and Health, United Kingdom

- P3-142 **Tumor associated macrophages (TAMs) scavenge gemcitabine but not 5-FU and paclitaxel in pancreatic cancer**
S. M. Buchholz¹, R. Goetze¹, M. Patzak¹, F. Richards², D. Jodrell², H. Griesmann³, P. Michl³, M. Buchholz⁴, V. Ellenrieder¹, A. Neesse¹
¹University Medical Center Göttingen, Clinic for Gastroenterology and Gastrointestinal Oncology, Germany, ²Li Ka Shing Centre, The University of Cambridge, Cancer Research UK Cambridge Institute, United Kingdom, ³Universitätsklinikum Halle (Saale), Universitätsklinik und Poliklinik für Innere Medizin I, Germany, ⁴Philipps-Universität Marburg, Klinik für Innere Medizin, Schwerpunkt Gastroenterologie, Endokrinologie und Stoffwechsel, Germany
- P3-143 **The efficacy of brusatol as a chemotherapeutic agent in pancreatic cancer and its relevance to potential chemoresistance conferred by Nrf2**
D. Williams¹, S. Gayon¹, L. Barrera¹, P. Perez-Mancera¹, I. Copple², C. Goldring², W. Greenhalf¹, E. Costello¹
¹University of Liverpool, Department of Molecular and Clinical Cancer Medicine, United Kingdom, ²University of Liverpool, Department of Molecular and Clinical Pharmacology, United Kingdom
- P3-144 **Characterizing inflammatory signaling pathways in ARID1a-deficient PDAC subtypes**
L. Aperdanner¹, Z. Zhang¹, J. Spitalieri¹, M. C. Hasselluhn¹, M. Sen², S. K. Singh¹, C. Kellner¹, W. Kopp¹, V. Ellenrieder¹, S. A. Johnsen², E. Hessmann¹
¹Universal Medical Center Göttingen, Department of Gastroenterology and gastrointestinal oncology, Germany, ²Universal Medical Center Göttingen, Department of General-, Visceral-, and Pediatric Surgery, Germany
- P3-145 **Intratatumoral T cellular dysfunction in a murine pancreatic cancer model: role of IL-1R and IL-18R signaling for Treg-mediated T cell exhaustion**
A. Hanlon, V. Lutz, E. Landmann, M. Buchholz, T. Gress, C. Bauer
Philipps University Marburg, Division of Gastroenterology, Endocrinology, Infectiology and Metabolism, Germany
- P3-146 **Metabolomics analysis of pancreatic juice indicates an alteration in glucose metabolism in pancreatic ductal adenocarcinoma patients**
N. Cortese¹, G. Castino¹, G. Capretti², P. Takis³, F. Gavazzi², C. Ridolfi², G. Nappo², G. Maggi^{1,4}, P. Allavena¹, A. Mantovani^{1,5}, A. Zerbi^{2,5}, F. Marchesi^{1,4}
¹Humanitas Clinical and Research Center, Department of Immunology and Inflammation, Italy, ²Humanitas Clinical and Research Center, Pancreatic Surgery, Italy, ³Giotto Biotech, Italy, ⁴University of Milan, Italy, ⁵Humanitas University, Italy
- P3-147 **Fas is a specific mediator of neural invasion in pancreatic cancer**
H. Taher, S. Teller, I. E. Demir, H. Friess, G. O. Ceyhan
Klinikum rechts der Isar, Technische Universität Munich, Department of Surgery, Germany
- P3-148 **Flow-metabolic phenotype of pancreatic ductal adenocarcinoma: a new prognostic biomarker?**
D. Riviere¹, E. Aarntzen¹, E. van Geenen¹, L.-F. de Geus-Oei², I. Nagtegaal¹, M. Gotthardt¹, K. van Laarhoven¹, J. Hermans¹
¹Radboudumc, Netherlands, ²LUMC, Netherlands

- P3-149 In vitro characterization of different primary and immortalized pancreatic stellate cells**
D. Lengggenhager^{1,2,3}, M. Amrutkar^{2,4}, P. Sántha⁵, M. Aasrum², M. Löhr⁶, I. P. Gladhaug^{4,7}, C. S. Verbeke^{1,5}
¹Institute of Clinical Medicine, University of Oslo, Department of Pathology, Norway, ²Institute of Clinical Medicine, University of Oslo, Department of Pharmacology, Norway, ³University and University Hospital Zurich, Department of Pathology and Molecular Pathology, Switzerland, ⁴Institute of Clinical Medicine, University of Oslo, Department of Hepato-Pancreato-Biliary Surgery, Norway, ⁵Oslo University Hospital Rikshospitalet, Department of Pathology, Norway, ⁶Karolinska Institutet, Department of Clinical Science, Intervention and Technology, Sweden, ⁷Oslo University Hospital Rikshospitalet, Department of Hepato-Pancreato-Biliary Surgery, Norway
- P3-150 Pericytes promote neurogenesis in pancreatic cancer**
L. Fangmann, I. E. Demir, S. Teller, H. Friess, G. O. Ceyhan
Klinikum rechts der Isar, Technische Universität Munich, Department of Surgery, Germany
- P3-151 Role of PAI-1 in Cell-proliferation and Metastasis of Pancreatic Carcinoma Cells**
A. Rech, Q. Wang, F. Rueckert, P. Pallavi
University Medicine Mannheim, Germany
- P3-152 TCF7L2 positively regulates aerobic glycolysis via the EGLN2/HIF-1 α axis and indicates prognosis in pancreatic cancer**
J. Xiang, J. Xu, B. Zhang, X. Yu
Fudan University Shanghai Cancer Center, Pancreatic Surgery, China
- P3-153 Endothelial-Mesenchymal-Transition induced by TNF- α : implication in cancer-associated fibroblasts (CAFs) formation in pancreatic cancer**
M. Adjuto Saccone, J. Garcia, J. Roques, P. Soubeyran, J.-L. Iovanna, R. Tournaire
INSERM 1068, Cancer Research center of Marseille (CRCM), Team Cellular Stress, «Angiogenesis, Microenvironnement and Cancer», France
- P3-154 Metformin prevents obesity-promoted pancreatic cancer development in the conditional KrasG12D mouse model**
H.-H. Chang¹, J. Sinnett-Smith², O. J. Hines¹, E. Rozengurt², G. Eibl¹
¹David Geffen School of Medicine at UCLA, Surgery, United States, ²David Geffen School of Medicine at UCLA, Medicine, United States
- P3-155 Bcl-3 regulates cancer stem cell-ness and metastatic properties in pancreatic ductal adenocarcinoma**
J. Ai¹, S. Wörmann¹, M. Vallespinos², K. Görgülü¹, K. Diakopoulos¹, K. Steiger³, M. Riemann⁴, M. Lesina¹, B. Sainz, Jr.², H. Algül¹
¹Klinikum rechts der Isar, Technische Universität Munich, Medizinische Klinik und Poliklinik II, Germany, ²Autónoma University of Madrid, School of Medicine, Instituto de Investigaciones Biomédicas, Department of Biochemistry, Spain, ³Technische Universität Munich, Institute of Pathology, Germany, ⁴Leibniz Institute on Aging, Fritz Lipmann Institute (FLI), Germany



- P3-156** **Zeb1 in pancreatic stellate cells supports KRAS-induced oncogenesis through deregulation of tumor-related signalling pathways**
I. Sangrador¹, X. Molero², M. Domínguez-Fraile¹, S. Franch-Expósito³, M. Rovira-Rigau⁴, C. Fillat⁵, A. Castells⁶, E. C. Vaquero³
¹CIBEREHD, Hospital Clínic Barcelona, Spain, ²Hospital Universitari Vall d'Hebron. CIBEREHD. Autonomous University of Barcelona, Spain, ³CIBEREHD, IDIBAPS, Hospital Clínic of Barcelona, Spain, ⁴IDIBAPS, CIBERER, Spain, ⁵IDIBAPS, CIBERER, University of Barcelona, Spain, ⁶IDIBAPS, Hospital Clínic de Barcelona, Spain
- P3-157** **The interaction of tumor and stroma via the IL-17B/RB axis affects metastatic potential of pancreatic ductal adenocarcinoma**
J. Li¹, Y. Zhao^{1,2}, C. Betzler¹, M. Popp¹, J. Zhao¹, Q. Sun¹, J. Lohmann¹, J. Qin¹, Z. Wang¹, T. Wartmann², C. Bruns¹, F. Popp¹
¹University Hospital of Cologne, General, Visceral and Cancer Surgery, Germany, ²Otto-von-Guericke University, Department of Surgery, Germany
- P3-158** **Targeting mitochondrial energy metabolism in PDAC is a promising strategy to overcome resistance to chemotherapy**
R. Masoud^{1,2,3,4,5}, S. Lac^{1,2,3,4,5}, J. Garcia^{1,2,3,4,5}, G. Reyes-Castellanos^{1,2,3,4,5}, J. Iovanna^{1,2,3,4,5}, A. Carrier^{1,2,3,4,5}
¹Cancer Research Center of Marseille (CRCM), France, ²InsERM U1068, France, ³CNRS UMR7258, France, ⁴Aix-Marseille University U105, France, ⁵Institut Paoli Calmettes, France
- P3-159** **The influence of demographics, risk and smoking status on attendance for pancreatic cancer screening**
J. Law¹, I. Sarantis², A. Sheel², E. Costello², Z. Hamady³, A. Guru⁴, A. Smith⁵, R. Charnley⁶, S. Pereira⁷, J. Neoptolemos⁸, C. Halloran², W. Greenhalf²
¹University of Liverpool, United Kingdom, ²University of Liverpool, United Kingdom, ³Southampton University Hospital NHS Foundation Trust, United Kingdom, ⁴Nottingham University Hospitals NHS Trust, Digestive diseases and Thoracics, United Kingdom, ⁵Leeds Teaching Hospitals NHS Trust, United Kingdom, ⁶Newcastle Upon Tyne Hospitals NHS Foundation Trust, United Kingdom, ⁷University College Hospital London, United Kingdom, ⁸University of Heidelberg, Germany
- P3-160** **Secretion of fibronectin by human pancreatic stellate cells promotes chemoresistance to gemcitabine in pancreatic adenocarcinoma**
M. Amrutkar^{1,2}, D. Lenggenhager^{1,3,4}, C. S. Verbeke^{3,5}, I. P. Gladhaug^{2,6}
¹University of Oslo, Institute of Clinical Medicine, Department of Pharmacology, Norway, ²University of Oslo, Institute of Clinical Medicine, Department of Hepato-Pancreato-Biliary Surgery, Norway, ³University of Oslo, Institute of Clinical Medicine, Department of Pathology, Norway, ⁴University Zurich and University Hospital Zurich, Institute of Pathology and Molecular Pathology, Switzerland, ⁵Oslo University Hospital Rikshospitalet, Department of Pathology, Norway, ⁶Oslo University Hospital Rikshospitalet, Department of Hepato-Pancreato-Biliary Surgery, Norway
- P3-161** **Cutting off the fuel supply to the plasma membrane calcium pumps in pancreatic cancer**
J. Bruce¹, A. James², P. Sritangos¹, I.-W. Oh¹
¹University of Manchester, Division of Cancer, School of Medicine, Faculty of Biology, Medicine & Health, United Kingdom, ²University of Manchester, Division of Cancer, School of Medicine, Faculty of Biology, Medicine & Health, United Kingdom

13:00–14:30

Friday, 15th June 2018

- P3-162 **Targeting a Solute Carrier to Metabolically Reprogram Tumour-Promoting Stromal Cells in Pancreatic Cancer**
A. Akerman¹, G. Sharbeen¹, J. Holst², J. Youkhana¹, J. McCarroll^{3,4}, D. Goldstein¹, M. Erkan⁵, P. Phillips¹
¹Pancreatic Cancer Translational Research Group, Lowy Cancer Research Centre, UNSW Sydney, Australia, ²Origins of Cancer Program, Centenary Institute, University of Sydney, Australia, ³Children's Cancer Institute, Lowy Cancer Research Centre, UNSW Sydney, Australia, ⁴Australian Centre for NanoMedicine, UNSW Sydney, Australia, ⁵Department of Surgery, Koc University, School of Medicine, Turkey

P3.08

8. Pancreatic surgery II

- P3-163 **Reliability of determining the resectability of locally progressed pancreatic ductal adenocarcinomas - results from the first 200 patients of the CONKO-007 multicenter randomized controlled trial (EudraCT:2009-014476-21)**
U. Wittel¹, H. Golcher², R. Grützmann², O. Bechstein³, O. Belyaev⁴, W. Uhl⁴, M. Ghadimi⁵, U. Hopt¹, A. Pirkl², D. Lubgan², W. Hohenberger², H. Oettle⁶, R. Fietkau²
¹Medical Center University of Freiburg, Germany, ²University Hospital Erlangen, Germany, ³University Hospital Frankfurt, Germany, ⁴Ruhr University Bochum, Germany, ⁵University Medical Center Georg-August-University Göttingen, Germany, ⁶Onkologische Schwerpunktpraxis Friedrichshafen, Germany
- P3-164 **Treatment of late severe postoperative hemorrhage in patient with pancreatic fistula grade C. wO. Kvasivka, K. Kopchak, O. Vasiliev**
National cancer institute, HPB surgery, Ukraine
- P3-165 **35 Years of Distal Pancreatectomy for Neuroendocrine Neoplasms in a Single Centre**
A. C. Milanetto¹, R. Menato, V. Liço, S. Pedrazzoli, C. Pasquali
Clinica Chirurgica 1, Pancreatic and Endocrine Digestive Unit-University of Padova, Italy
- P3-166 **Total Pancreatectomy – underestimated morbidity and mortality**
B. Globke, F. Klein, A. Andreou, J. Pratschke, M. Bahra
Charité - Universitätsmedizin Berlin, Chirurgische Klinik - Campus Charité Mitte | Campus Virchow Klinikum, Germany
- P3-167 **Surgical Experience on Neuroendocrine Ampullary Neoplasms**
A. C. Milanetto¹, C. Pasquali¹, M. Da Broi¹, T. Brambilla², G. Capretti³, G. Nappo³, A. Zerbi³
¹Clinica Chirurgica 1, Pancreatic and Endocrine Digestive Unit-University of Padova, Italy, ²Pathology Unit, Humanitas University-Humanitas Research Hospital, Italy, ³Pancreatic Surgery Unit, Humanitas University-Humanitas Research Hospital, Italy
- P3-168 **Laparoscopic versus open distal pancreatectomy – results of a single-center group of 346 patients**
A. Pisarek¹, M. Durlík^{1,2}
¹Central Clinical Hospital of Ministry of the Interior and Administration in Warsaw, Clinical Department of Gastroenterological Surgery and Transplantation, Poland, ²Mossakowski Medical Research Center Polish Academy Of Science, Department of Surgical Research and Transplantation, Poland



- P3-169 **Management of postoperative complications may favor the centralization of also distal pancreatectomies.**
A. Antila¹, R. Ahola¹, J. Sand², J. Laukkanen^{1,3}
¹Tampere University Hospital, Department on alimentary tract surgery, Finland, ²Päijät-Häme Central Hospital, Alimentary tract surgery, Finland, ³University of Tampere, Faculty of Medicine and Life Sciences, Finland
- P3-170 **Surgical treatment of Internal Pancreatic Fistulas in chronic pancreatitis patients**
S. T. Barbu¹, O. V. Fabian¹, S. Matei¹, A. Muresan², D. Hazota², N. Balea²
¹University of Medicine and Pharmacy, 4th Surgery Department, Romania, ²Clinical C.F. Hospital Cluj-Napoca, Intensive care unit, Romania
- P3-171 **In-Hospital and 90 Day Outcomes after Total Pancreatectomy with Islet Autotransplantation for Pediatric Chronic and Acute Recurrent Pancreatitis**
M. Kotagal¹, J. Slusher¹, M. Abu-El-Haija², S. Ahmad³, J. Brunner³, D. Elder⁴, K. Goldschneider⁵, L. Hornung⁶, T. Lin², S. Ogg¹, J. Palermo², J. Rose⁵, S. Sekoulopoulos¹, A. Szabova⁵, J. Nathan¹
¹Cincinnati Children's Hospital Medical Center, Division of Pediatric General and Thoracic Surgery, United States, ²Cincinnati Children's Hospital Medical Center, Division of Gastroenterology, Hepatology and Nutrition, United States, ³University of Cincinnati College of Medicine, Department of Surgery, United States, ⁴Cincinnati Children's Hospital Medical Center, Division of Endocrinology, United States, ⁵Cincinnati Children's Hospital Medical Center, Department of Anesthesia, United States, ⁶Cincinnati Children's Hospital Medical Center, Division of Biostatistics and Epidemiology, United States
- P3-172 **Different pattern of recurrence after pancreatoduodenectomy according to the origin of peri-ampullary cancer**
J.-R. Kim, H. B. Kim, W. Kwon, J. Y. Jang, S. W. Kim
Seoul National University Hospital, Surgery, South Korea
- P3-173 **Surgical Interventions in Different Phases of Acute Necrotizing Pancreatitis**
I. Khomiak¹, O. Rotar², V. Rotar², A. Khomiak¹
¹O.O. Shalimov National Institute of Surgery and Transplantology, Department of Pancreas Surgery and Bile Ducts Reconstruction Surgery, Ukraine, ²Bukovinian State Medical University, General Surgery, Ukraine
- P3-174 **Risk factors of hepatico-jejunostomy stenosis in 444 patients who underwent pancreaticoduodenectomy.**
S. Yamaki, S. Sato, T. Yamamoto, H. Yanagimoto, H. Kosaka, S. Hirooka, M. Kotsuka, H. Ryota, Y. Matsui
Kansai Medical University, Department of Surgery, Japan
- P3-175 **Clinicopathological stratification and long-term follow-up of periampullary carcinomas**
R. Schmuck, A. Andreou, F. Klein, M. Felsenstein, J. Pratschke, M. Bahr
Charité - University Hospital Berlin, Surgery, Germany
- P3-176 **The impact of surgical experience and work routine on in-hospital morbidity and mortality in pancreatic surgery**
C. Krautz, E. Haase, G. Weber, R. Grützmann
Uniklinikum Erlangen, Chirurgische Klinik, Germany
- P3-177 **Complications after robotic pancreatic surgery our experience**
M. V. Marino, G. Shabat, G. Gulotta
University Hospital of Palermo, Emergency and General Surgery, Italy

13:00–14:30

Friday, 15th June 2018

- P3-178 **Is routine splenectomy still justified for left-sided pancreatic cancer? Histological reappraisal of splenic hilar lymphadenectomy.**
T. Marchese¹, M. Collard¹, M. Ronot², N. Guedj³, F. Cauchy¹, A. Sauvanet¹
¹Beaujon Hospital, HPB Surgery, France, ²Beaujon Hospital, Radiology, France, ³Beaujon Hospital, Pathology, France
- P3-179 **Two Types of Peripancreatic fluid collection after distal pancreatectomy.**
Y. Jun, B. Daisuke, K. Tomotaka, K. Atsushi, T. Minoru
Graduate School of Medicine, Tokyo Medical and Dental University, Department of Hepatobiliary and Pancreatic Surgery, Japan
- P3-180 **Ligamentum falciforme for mesenteric and portal vein reconstruction in local advanced pancreatic tumor: A surgical guide and single-center experience.**
T. Malinka¹, F. Klein¹, T. Denecke², U. Pelzer³, J. Pratschke¹, M. Bahr¹
¹Charité-Universitätsmedizin Berlin, Department of Surgery, Charité Campus Mitte and Charité Campus Virchow Klinikum, Germany, ²Charité-Universitätsmedizin Berlin, Department of Radiology, Charité Campus Virchow Klinikum, Germany, ³Charité-Universitätsmedizin Berlin, Department of Hematology/Oncology/Tumorimmunology, Campus Virchow Klinikum, Germany
- P3-181 **Improvement of survival after surgical resection of pancreatic cancer independent of adjuvant chemotherapy from 2001 to 2017**
M. Weniger¹, A. Cripin², R. Miksch¹, J. Werner¹, J. D'Haese¹
¹Ludwig-Maximilians-University, Department of General, Visceral, and Transplantation Surgery, Germany, ²Ludwig-Maximilians-University, Chair for Public Health and Health Care Research, Research Unit for Biopsychosocial Health, Department of Medical Informatics, Biometry and Epidemiology, Germany
- P3-182 **Pre-operative clinical status predicts a successful enhanced recovery programme for pancreaticoduodenectomy: A single tertiary centre experience**
K. Exarchou¹, V. Yip¹, P. Thompson¹, J. Kleeff², J. Garry¹, P. Ghaneh^{1,3}, J. Neoptolemos⁴, R. Sutton^{1,3}, C. Halloran^{1,3}, R. Baron^{1,3}, V. Akintunde¹, F. Hughes¹, R. McCready¹, P. Whelan¹, M. Raraty^{1,3}
¹Royal Liverpool University Hospital, Pancreatobiliary Surgery, United Kingdom, ²Martin Luther University Halle-Wittenberg, Visceral, Vascular and Endocrine Surgery, Germany, ³Institute of Translational Medicine, University of Liverpool, Department of Molecular and Clinical Cancer Medicine, United Kingdom, ⁴University of Heidelberg, Department of General Surgery, Germany
- P3-183 **The development of a Rapid Access Nurse Clinic (RANC) for benign and malignant pancreato biliary disease**
P. Whelan, J. Garry, F. Hughes, R. McCready, M. Raraty, R. Sutton, R. Baron, P. Ghaneh, V. Yip, C. Halloran
Royal Liverpool Hospital, Surgery, United Kingdom
- P3-184 **Pancreas divisum: total dissection of the pancreatic ducts after ineffective endoscopic treatment**
V. Klymenko¹, A. Klymenko², A. Steshenko²
¹Zaporizhzhya State Medical University, Hospital Surgery, Ukraine, ²Zaporizhzhya State Medical University, Faculty Surgery, Ukraine
- P3-185 **Perioperative fluid administration has a major effect on pancreatic fistulas after pancreaticoduodenectomy but not after distal pancreatectomy**
K.-R. Wesseli, L. Calavrezos, A. Wieshammer, C. Jäger, I. E. Demir, H. Friess, G. O. Ceyhan
Klinikum Rechts der Isar, Technische Universität Munich, Klinik und Poliklinik für Chirurgie, Germany

- P3-186 **Preoperative CT and IIOUS can reverse the decision of vascular reconstruction after resection of hepatic arteries during HPB surgery**
V. Egorov¹, R. Petrov¹, N. Chernaya²
¹Bakhrushin Brothers City Hospital, Surgical oncology, Russian Federation, ²Sklifosovsky Emergency Institute, Interventional Radiology, Russian Federation
- P3-187 **Laparoscopic no-touch pancreaticoduodenectomy**
O. Kvasivka, V. Kopetskiy, K. Kopchak
National cancer institute, HPB surgery, Ukraine
- P3-188 **Step-up Minimally Invasive Approach for Surgical Treatment of Infected Walled-off Pancreatic Necrosis**
A. Khomiak¹, I. Khomiak¹, O. Rotar², I. Tereshkevych¹, V. Rotar²
¹O.O. Shalimov National Institute of Surgery and Transplantology, Department of Pancreas Surgery and Bile Ducts Reconstruction Surgery, Ukraine, ²Bukovinian State Medical University, General Surgery, Ukraine
- P3-189 **Randomized controlled trial of pylorus-preserving versus pylorus-resecting pancreatoduodenectomy (PROPP study): long-term morbidity and quality of life.**
U. Klaiber¹, P. Probst¹, F. J. Hüttner¹, T. Bruckner², O. Strobel¹, M. W. Büchler¹, T. Hackert¹
¹University of Heidelberg, Department of General, Visceral and Transplantation Surgery, Germany, ²University of Heidelberg, Institute of Medical Biometry and Informatics, Germany
- P3-190 **Perioperative and Long Term Quality of Life in Pancreatoduodenectomy - Analysis from a German Prospective Multicenter Trial (RECOPANC) -**
U. F. Wellner¹, S. Zemskov², A. Dronov², H. Lapshyn¹, E. Petrova¹, T. Keck¹
¹UKSH Campus Lübeck, Klinik für Chirurgie, Germany, ²O.O.Bogomolets National Medical University, Zemskov Institute of Surgery, Ukraine
- P3-191 **Pancreatic ultrasound elastography and its clinical use in predicting the risk of pancreatic fistulas after pancreatic resection**
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- P3-194 **Sarcopenia is a predictor of complications following pancreatic resections for pancreatic adenocarcinoma**
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- P3-195 **The severity of pancreatic fibrosis - independent factor for choosing of type of surgical treatment in patients with chronic pancreatitis**
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- P3-197 **BISAP score – a predictor of mortality, pancreas necrosis, organ failure and disease severity in patients with acute pancreatitis - single center experience (Clinical Center of Montenegro)**
 M. Lukic, R. Boricic, D. Muhovic, B. Smolovic
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General Information

Congress venue

Maritim proArte Hotel Berlin
Friedrichstr. 151
10117 Berlin
Germany

Opening-hours congress office

Wednesday	07:45 – 18:30
Thursday	07:00 – 18:30
Friday	07:30 – 15:30
Saturday	08:00 – 14:00

Registration

EPC Junior Member (under the age of 35 years)	340.00 €
Junior non-Member	420.00 €
EPC Member	450.00 €
Non Member	600.00 €

Registration includes:

Access to the scientific sessions, poster area and technical exhibition, congress documents and coffee breaks (incl. 19% VAT).

Cancellation of registration

Cancellations have to be sent to INTERPLAN in written form by email to epc2018@interplan.de or by fax to +49 (0)89 54 82 34-43. Refunds will be issued for cancellations received up to 16th May 2018 less a 35.00 € administrative fee (VAT is not applicable). No refund will be issued for cancellations received after this date, however an alternative participant's name may be submitted.

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Participating delegates will receive a CME Certificate of Attendance at the registration desk on-site before departure.

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Get-together & Gala Dinner

Wednesday, 13th June 2018

Get-together at the Maritim proArte Hotel

from 19:00 hrs

All participants of the conferences will be invited warmly to participate on the Get-together at the Maritim proArte Hotel.

Within this framework, the communication and the professional exchange should be promoted between the participant and the presenting companies in living and relaxed atmosphere.

It is free of charge.

Friday, 15th June 2018

Gala-Dinner at the Hofbräuhaus Berlin

from 19:30 hrs

Finish the evening with talks of the day in the active exchange with colleagues and friends and doing a review. Spend an entertaining evening in nice atmosphere of the Hofbräuhaus Berlin and attach new contacts. It is provided for your creature comforts and musical entertainment.

Tickets

65.00 € gross p.P. (incl. 19% VAT)
available at the congress office

Address

Hofbräuhaus Berlin
Karl-Liebknecht-Strasse 30
10178 Berlin

Commercial Part of the Congress



Satellite Symposia

Wednesday, 13th June 2018

Lunch Symposia

Plenary Room

09:30–10:20



Inherited Disorders of Lipid Metabolism and Pancreatitis

This meeting has been arranged and sponsored by Akcea Therapeutics.

09:30–09:55

High elevated triglycerides-, diagnostic and treatment challenges

Elisabeth Steinhagen-Thiessen, Berlin, Germany

09:55–10:20

Severe hypertriglyceridemia as risk factor for pancreatitis and diabetes

Hans-Ulrich Klör, Gießen, Germany

Lunch Symposia

Plenary Room

12:50–13:45



The chase for disease genes – from linkage to high throughput

This meeting has been arranged and sponsored by CENTOGENE and its products will be discussed.

Chair:

Peter Bauer, Rostock, Germany

Atsushi Masamune, Sendai, Japan

Heiko Witt, Munich, Germany

12:50–13:00

Introduction

Peter Bauer, Rostock, Germany

13:00–13:20

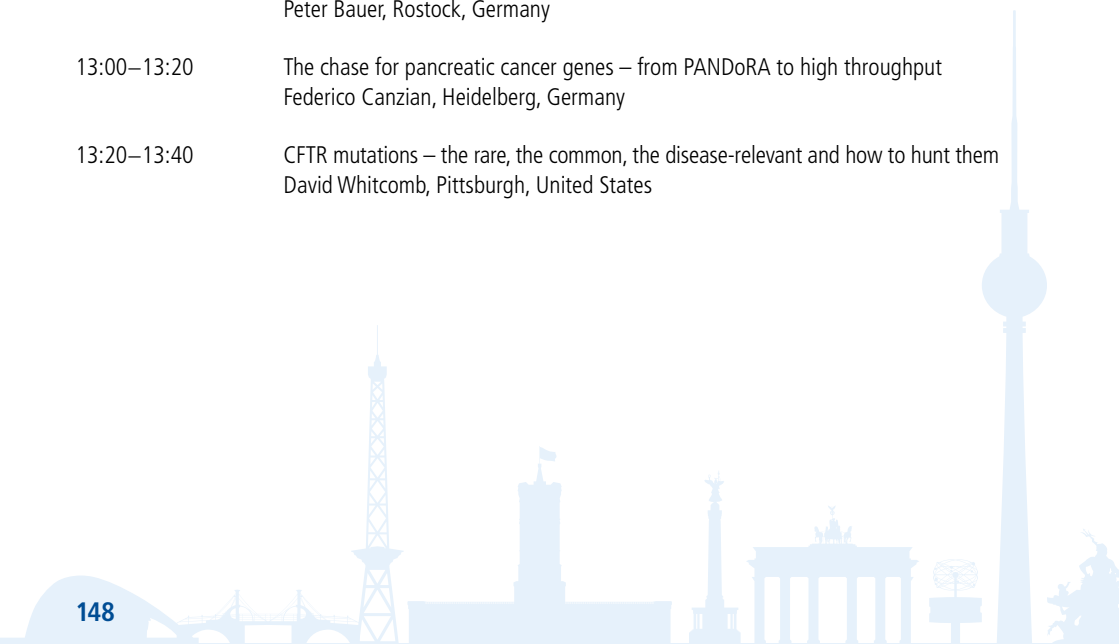
The chase for pancreatic cancer genes – from PANDoRA to high throughput

Federico Canzian, Heidelberg, Germany

13:20–13:40

CFTR mutations – the rare, the common, the disease-relevant and how to hunt them

David Whitcomb, Pittsburgh, United States



Thursday, 14th June 2018

Lunch Symposia

Plenary Room

13:30–14:30

New evidence in pancreatic exocrine insufficiency



This meeting has been arranged and sponsored by Mylan and its products will be discussed.

Chair:

Matthias Löhr, Stockholm, Sweden

Enrique Dominguez-Munoz, Santiago de Compostela, Spain

13:30–13:45

Diagnosis of exocrine pancreatic insufficiency: What tests for research, what for clinical practice?

Luca Frulloni, Verona, Italy

13:45–14:00

What's new on PEI in chronic pancreatitis? Clinical impact and therapy.

J. Enrique Dominguez-Munoz, Santiago de Compostela, Spain

14:00–14:15

PEI in other clinical conditions: Resected and unresectable pancreatic cancer.

Keith Roberts, Birmingham, United Kingdom

Satellite Symposia

Friday, 15th June 2018

Lunch Symposia

Plenary Room

13:00–14:00

Pancreatic Cancer – Standards and New Horizons

This meeting has been arranged and sponsored by Celgene and its products will be discussed.



Chair:

Hanno Riess, Berlin, Germany
Thomas Seufferlein, Ulm, Germany

13:00–13:15

Cellular mechanisms in pancreatic cancer - the contribution of mesenchymal and stellate cells
Minoti Apte, Sydney, Australia

13:15–13:30

Standards of medical therapy for pancreatic cancer
Volker Ellenrieder, Göttingen, Germany

13:30–13:45

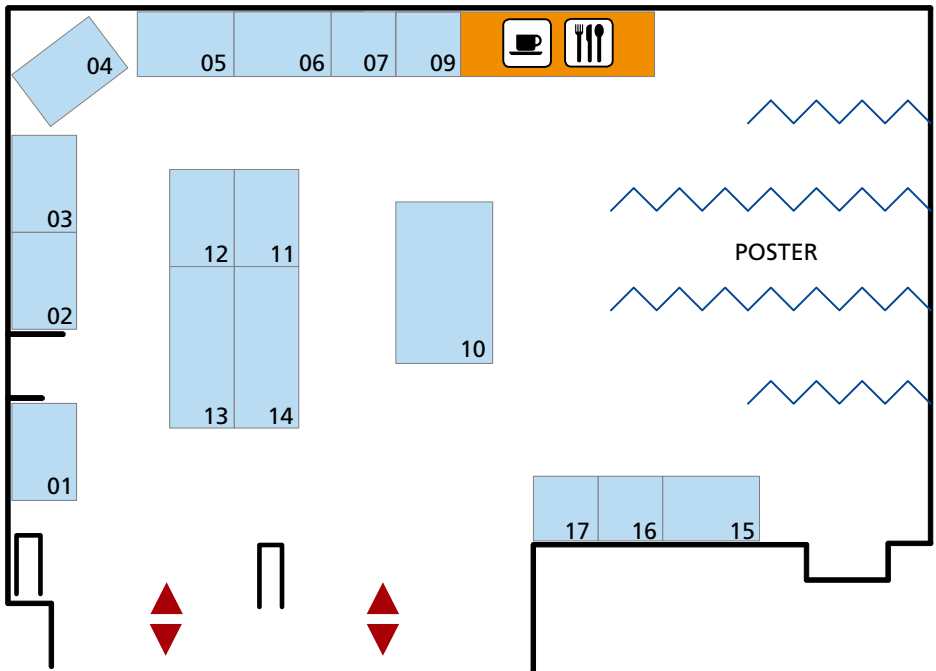
The limits of pancreatic cancer surgery – localized, advanced or metastatic disease
Thilo Hackert, Heidelberg, Germany

13:45–14:00

Future directions of pancreatic cancer treatment
Jens Siveke, Essen, Germany



Floorplan & List of Exhibitors



Exhibitor	Booth
Akcea Advocacy and Policy Division	06
Akcea Therapeutics, Inc.	14
Boston Scientific Medizintechnik GmbH	07
Celgene International Sàrl	11
Hungarian Study Group	09
CENTOGENE AG	13
ChiRhoClin, Inc.	05
Dr. Falk Pharma GmbH	17
FUJIFILM Europe	04
Imundiagnostik AG	16
Mylan EPD - BGP Products Operations GmbH	10
Nordmark Arzneimittel GmbH & Co. KG	01
Novartis Pharma GmbH	03
Olympus Deutschland GmbH	15
R-Biopharm Aktiengesellschaft	12
Shire Deutschland GmbH	18
The National Pancreas Foundation	02

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Meetings of the European Pancreatic Club

50	2018	Berlin, Germany	M. M. Lerch
49	2017	Budapest, Hungary	G. Varga
48	2016	Liverpool, UK	J. P. Neoptolemos
47	2015	Toledo, Spain	F. X. Real
46	2014	Southampton, UK	C. Johnson
45	2013	Zürich, Switzerland	R. Graf
44	2012	Prague, Czech Republic	P. Dítě
43	2011	Magdeburg, Germany	W. Halangk
42	2010	Stockholm, Sweden	J. Permert
41	2009	Szeged, Hungary	P. Hegyi
40	2008	Łódź, Poland	E. Malecka-Panas
39	2007	Newcastle, UK	B. Argent
38	2006	Tampere, Finland	I. Nordback
37	2005	Graz, Austria	T. Grieshaber
36	2004	Padova, Italy	S. Pedrazzoli
35	2003	Liverpool, UK	O. H. Petersen
34	2002	Heidelberg, Germany	M. W. Büchler
33	2001	Toulouse, France	N. Vayse
32	2000	Kiel, Germany	U.R. Fölsch
31	1999	Lüneburg, Germany	P. G. Lankisch
30	1998	Thessaloniki, Greece	C. Arvanitakis
29	1997	London, UK	G. E. Mann
28	1996	Mannheim, Germany	M. V. Singer
27	1995	Barcelona, Spain	L. Fernandez-Cruz
26	1994	Bologna, Italy	L. Gullo
25	1993	Paris, France	C. Rozé
24	1992	Ulm, Germany	H. Beger
23	1991	Lund, Sweden	I. Ihse
22	1990	Basel, Switzerland	K. Gyr
21	1989	Glasgow, UK	C. W. Imrie
20	1988	Budapest, Hungary	M. Papp
19	1987	Marseilles, France	H. Sarles
18	1986	Nijmegen, The Netherlands	J. J. de Pont
17	1985	Manchester, UK	M. Case
16	1984	Cascais, Portugal	O. Bordalo
15	1983	Verona, Italy	L. A. Scuro
14	1982	Essen, Germany	H. Goebell
13	1981	Krakow, Poland	S. J. Konturek

Meetings of the European Pancreatic Club

12	1979	Copenhagen, Denmark	H. Worning
11	1978	Zürich, Switzerland	R. Ammann
10	1977	Dublin, Ireland	O. Fitzgerald
9	1976	Oslo, Norway	J. Myren
8	1975	Toulouse, France	A. Ribet
7	1974	Dundee, UK	K. Wormsley
6	1973	Gothenburg, Sweden	Y. Edlund
5	1971	Brussels, Belgium	J. Christophe
4	1969	Göttingen, Germany	W. Creutzfeldt
3	1968	Prague, Czech Republic	K. Herfort
2	1967	Marseilles, France	H. Sarles
1	1965	London, UK	H. T. Howat



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