

D1.1 Equipment purchase

1. The Confocal Laser Scanning Device and the equipment for electrophysiology (Patch-Clamp Amplifier, Whole-Cell Amplifier for recordings with microelectrodes, two Micromanipulation units, Electrode Puller and the Microscope Scanning Stage) were ordered and obtained rapidly after project start. All instruments are in use and working well. The scanning stage makes cell physiology analyses much more efficient.
2. Real Time PCR System was ordered and timely delivered. Since then it has been in use and allowed investigations in genetic studies of aging and disease.
3. Automated immunostaining device was ordered and timely delivered. The device is working well and pathological studies in mental disease were successfully started.
4. MagPro X100 Magnetic Stimulator: a high-performance, non-invasive magnetic stimulator for use both in clinic and medical research has been purchased on April 21, 2009. The R100 is working well. By its used patterned transcranial stimulation, e.g. TBS could be introduced in the neurorehabilitation research unit. Thereby more efficient stimulation protocols can be applied.