Program

08.45 - 09.00  Introduction: News from the ZNZ
               M.E. Schwab

09.00 - 09.45  Volker-Henn-Lecture:
               Molecular control of cell shape and cell fate
               in the vertebrate nervous system
               Prof. Y.A. Barde, Max-Planck-Institute for
               Neurobiology, Martinsried

09.45 - 10.15  Coffee

10.15 - 11.15  Short talks:

10.15 - 10.35  Representation of contrast in the visual cortex
               M. Carandini
               Institute of Neuroinformatics, ETHZ/University ZH

10.35 - 10.55  Control strategies for neuroprostheses
               M.R. Popovic
               Automatic Control Laboratory, ETHZ

10.55 - 11.15  Hearing in insects: uncovering fundamental
               mechanisms of audition
               D. Robert
               Institute of Zoology, University ZH

11.15 - 13.00  Poster Session, Lunch
13.00 - 14.00  Short talks:

13.00 - 13.20  **Benzodiazepine actions mediated by specific $\gamma$-aminobutyric acid$_A$ receptor subtypes**
U. Rudolph
Institute of Pharmacology, University ZH

13.20 - 13.40  **Plasticity of dendritic spines in organotypic hippocampal slice culture**
R.A. McKinney
Brain Research Institute, University ZH

13.40 - 14.00  **Notch1, a master regulator of neurogenesis in the cerebellum**
V. Taylor
Institute of Cell Biology, ETHZ

14.00 - 15.30  Poster Session, Coffee

15.30 - 16.10  Plenary Lecture:
**Materials meet the neuroscientist: toward materials-based therapies in nerve regeneration**
J.A. Hubbell
Biomedical Engineering, ETHZ/University ZH

16.10 - 16.45  Apéro