



Zentrum für Neurowissenschaften Zürich
Neuroscience Center Zurich

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ZNZ SYMPOSIUM 2010

17 September 2010

08.30 – 18.15

ETHZ-Hauptgebäude

Rämistrasse 101

8092 Zürich

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- 1 The role of microvillar cells as a linker between degenerating sensory neurons and stem cells:** S. Pfister, J.-M. Fritschy, R. Elsaesser

Group Leader: MICHAEL HENGARTNER

- 2 ZFP-1/AF10 acts in parallel to HSPGs in the control of axon guidance during *C. elegans* nervous system development:** S. Gysi, R. Egli, M. Hengartner

Group Leader: MARTIN E. SCHWAB

- 3 Back seat driving: anatomical substrates of spontaneous functional recovery from forelimb stroke:** M.L. Starkey, C. Bleul, M. Gullo, B. Zörner, N. Lindau, T. Mueggler, A. Ghosh, M. Rudin, M.E. Schwab

Group Leader: ESTHER STOECKLI

- 4 Comparative analysis of the molecular mechanisms causing fetal alcohol syndrome (FAS) and CRASH syndrome:** L. Weber, E.T. Stoeckli

Group Leader: UELI SUTER

- 5 Does β 1-integrin pathway control adult neurogenesis?:** C. Porcheri, S. Jessberger, U. Suter

SYNAPTIC TRANSMISSION AND PLASTICITY**Group Leader: URS GERBER**

- 6 A novel mechanism mediated by Group II mGluRs in the inhibition of hippocampal mossy fiber transmission:** J. Ster, C. Corti, M.A. Corsi, F. Ferraguti, U. Gerber

Group Leader: KEVAN MARTIN

- 7 Dopamine innervation in macaque prefrontal cortex: the view from the neuropil:** I.A. Spühler, R. Bopp, K. Martin

Group Leader: PETER SONDEREGGER

- 8 Rapid and reversible spine head filopodia formation in response to muscarinic receptor activation:** P. Schätzle, J. Ster, U. Gerber, P. Sonderegger, J. María Mateos

Group Leader: HANNS ULRICH ZEILHOFER

- 9 Endocannabinoid modulation of glycine receptors: structure-activity profiles and modulatory sites within the receptor topology:** G.E. Yévenes, H.U. Zeilhofer
- 10 Molecular organization of GABA_A receptor subtypes in the spinal cord dorsal horn:** J. Paul, J.-M. Fritschy, H.U. Zeilhofer

MOLECULAR AND CELLULAR NEUROSCIENCE**Group Leader: HELMUT BERTALANFFY**

- 11 Downregulation in the expression pattern of claudin-5, occludin and glucose transporter 1 in endothelial cells of human cerebral cavernous malformations (CCMs):** H. Schneider, N.H. Ulrich, K. Frei, H. Bertalanffy

Group Leader: STEVEN A. BROWN

- 12 Light can epigenetically reprogram the circadian clock:** A. Azzi, A. Casserly, S.A. Brown
- 13 Molecular biomarkers for human inter-individual differences:** L. Cuninkova, E. Moriggi, S.A. Brown

Group Leader: JEAN-MARC FRITSCHY

- 14 Role of GABA_A receptors in regulating adult hippocampal neurogenesis: Tonic and phasic inhibition distinctly regulate migration and differentiation of newborn dentate gyrus granule cells:** V. Duveau, J.-M. Fritschy
- 15 SUMO pathway regulates inhibitory synapses by acting on gephyrin:** H. Ghosh, S. Messner, M. Hottiger, J.-M. Fritschy, S.K. Tyagarajan

Group Leader: SEBASTIAN JESSBERGER

- 16 Molecular mechanisms underlying neuronal differentiation and integration of adult-born hippocampal neurons:** O. Karalay, F.K. Borgmann, K. Vadodaria, S. Jessberger
- 17 Identification of novel pathways regulating adult neurogenesis using transcriptome analysis:** O. Bracko, S. Braun, L. Zurkirchen, M. Knobloch, S. Jessberger

Group Leader: HANS-PETER LIPP

- 18 Sustained pool of hippocampal neurogenic precursor cells in senescent p66Shc^{-/-} mice:** F. Klaus, S. Nötzli, A. Berry, F. Cirulli, M. Giorgio, P.G. Pelicci, H.-P Lipp, I. Amrein

Group Leader: MARTIN E. SCHWAB

- 19 Pincher-mediated Nogo-A signaling:** A. Joset, D.A. Dodd, S. Halegoua, M.E. Schwab

Group Leader: SUSANNE WALITZA

(ZNZ Associate, Department of Child and Adolescent Psychiatry, UZH)

- 20 Effects of d/l threo-Methylphenidate enantiomers on catecholaminergic enzyme activities:** E. Grünblatt, J. Bartl, S. Hofmann, A. Borst, P. Riederer, S. Walitza
- 21 Gene expression profiling in brains of prenatal-stressed mice:** E. Grünblatt, H. Bielas, C. Brünahl, P. Arck, S. Walitza

Group Leader: KATHRIN ZAUGG

(ZNZ Associate, Department of Radiation Oncology, USZ)

- 22 The CPT1C 5'UTR contains a repressing upstream open reading frame that is regulated by cellular energy availability and AMPK:** I. Lohse, J. Feng, U.M. Lütolf, T.W. Mak, K. Zaugg
- 23 CPT1C promotes invasion as well as sensitivity to metabolic stress in tumour cells:** I. Lohse, J. Feng, U.M. Lütolf, T.W. Mak, K. Zaugg

SENSORY SYSTEMS**Group Leader: ARMIN CURT**

- 24 Segmental sensory assessment reveals topographic differences in cervical and trunk dermatomes:** J. Haefeli, J. Blum, A. Curt

Group Leader: BJÖRN KAMPA

- 25 Learning at the movies: how repeated presentations of natural movies increase the response reliability of neurons in mouse visual cortex:** P. Molina-Luna, F. Helmchen, B.M. Kampa

Group Leader: SHIH-CHII LIU

- 26 Event-based 64-channel binaural silicon cochlea with Q enhancement mechanisms:** S.-C Liu, A. van Schaik, B. Minch, R. Berner, T. Delbruck

Group Leader: KEVAN MARTIN

- 27 Bouton clusters of pyramidal neurons:** E. Rüschi, S. Roth, K. Martin
- 28 Heterogeneity in responses of neighboring neurons in cat primary visual cortex:** S. Schröder, K. Martin

Group Leader: STEPHAN NEUHAUSS

- 29 Expressional and functional analysis of mGluR6 in the zebrafish retina:** M. Haug, Y.-Y. Huang, M. Gesemann, S. Neuhaus

Group Leader: DOMINIK STRAUMANN

- 30 Investigation of the influence of gaze position on human rotational vestibulo-ocular reflex in darkness:** E. Khojasteh, C.J. Bockisch, D. Straumann, S. Hegemann

MOTOR SYSTEMS**Group Leader: GRÉGOIRE COURTINE**

- 31 Non-human primates show extensive functional recovery compared to rats after partial spinal cord injuries:** L. Friedli, E.S. Rosenzweig, D. Jendrich, S.C. Strand, A.R. Ferguson, P. Musienko, R.R. Roy, H. Zhong, M.S. Beattie, J.C. Bresnahan, M.H. Tuszynski, V.R. Edgerton, G. Courtin

- 32 Neurorehabilitative interventions restore voluntary locomotor activities following severe spinal cord injury:** R. van den Brand, J. Heutschi, L. Friedli, M. Hürlimann, N. Kaufmann, K. Bartholdi, M. Roth, N. Dominici, P. Musienko, G. Courtine

Group Leader: VOLKER DIETZ

- 33 Locomotion in stroke subjects: interaction between unaffected and affected side:** E. Kloter, M. Wirz, V. Dietz

Group Leader: HUUB VAN HEDEL

- 34 Is automated locomotor training better than strength training after incomplete spinal cord injury?:** R. Labruyère, H. van Hedel

Group Leader: ANDREAS MEYER-HEIM

- 35 Immediate effects of a robotic assisted gait training on balance skills in children with cerebral palsy:** E. Keller, T. Schuler, R. Müller, A. Meyer-Heim

- 36 Clinical evaluation of virtual reality based Paediatric Interactive Therapy System (PITS) for neurorehabilitation of children with cerebral palsy:** K. Wick, A. Spack, K. Eng, L. Holper, D. Kiper, E. Chevrier, P. Pyk, L. Jäncke, A. Meyer-Heim

Group Leader: ROBERT RIENER

- 37 Changes in heart rate, blood pressure and respiration in vegetative state patients during therapy on the dynamic tilt table Erigo:** L. Bütler, M. Wieser, R. Riener

Group Leader: DOMINIK STRAUMANN

- 38 Zebrafish as a behavioural model for infantile nystagmus syndrome:** M. Ying-Yu Huang, S. Neuhauss, D. Straumann

NEURAL BASIS OF BEHAVIOR

Group Leader: RICHARD HAHNLOSER

- 39 Involvement of auditory association areas in zebra finch song restoration:** A. Canopoli, J.A. Herbst, R. Hahnloser

- 40 Influence of chronic HVC stimulation on song development in juvenile zebra finch:** A. Vyssotski, J. Herbst, A. Kotowicz, R. Hahnloser

Group Leader: FRITJOF HELMCHEN

- 41 Chronic two-photon imaging of barrel cortex population activity in awake head-fixed mice:** D.J. Margolis, K. Schulz, I. Schrepfer, H. Lütcke, S. Kügler, M.T. Hasan, F. Helmchen

Group Leader: STEPHAN NEUHAUSS

- 42 Automated method for testing visual and cognitive function of adult zebrafish:** K.P. Mueller, S. Neuhauss

Group Leader: FRANZ VOLLENWEIDER

- 43 Nonconscious and conscious emotional face processing in the 5-HT_{2A} model of altered states of consciousness using event-related potentials (ERPs):** A. Schmidt, M. Kometer, P.A. Csomor, R. Bachmann, F.X. Vollenweider

Group Leader: BENJAMIN YEE

- 44 Increased neural proliferation and modification of hippocampus-dependent classical conditioning by forebrain neuronal glycine transporter 1 deletion:** S. Dubroqua, P. Singer, R. Fiorelli, D. Boison, O. Raineteau, J. Feldon, B.K. Yee

COGNITIVE NEUROSCIENCE AND NEUROPSYCHOLOGY

Group Leader: DANIEL BRANDEIS

- 45 EEG-BOLD coupling of the adolescent brain:** R. Lüchinger, L. Michels, E. Martin, D. Brandeis

- 46 Preliminary tomographic neurofeedback results from children with ADHD:** S. Maurizio, M. Liechti, H. Heinrich, G. Thalmann, L. Meier, Y. Schwitler, L. Valko, M. Döhnert, M. Mächler, U. Maurer, S. Walitza, H.-C. Steinhausen, L. Jäncke, R. Drechsler, D. Brandeis

Group Leader: PETER BRUGGER

- 47 Amputation desire: no alleviation by caloric vestibular stimulation:** L.M. Hilti, C. Tamagni, A. Palla, P. Brugger

Group Leader: LUTZ JÄNCKE

- 48 Functional brain network efficiency predicts intelligence:** N. Langer, A. Pedroni, L.R.R. Gianotti, J. Hänggi, D. Knoch, L. Jäncke

Group Leader: HENNRIC JOKEIT

- 49 Association between structural abnormalities and fMRI response in the amygdala in patients with temporal lobe epilepsy:** S. Broicher, G. Kuchukhidze, T. Grunwald, G. Krämer, M. Kurthen, E. Trinkka, H. Jokeit

Group Leader: SPYROS KOLLIAS

- 50 Neural correlates of lexical and figural ambiguity processing:** B. v Keisker, S. Cappa, S. Kollias, M. Tettamanti

Group Leader: DIETRICH LEHMANN

- 51 Subjectively experienced quality of breath counting and EEG LORETA lagged coherence:** P. Milz, P. Faber, R. Pascual-Marqui, K. Kochi, D. Lehmann
- 52 Correlation between regional brain activity and belief in paranormal phenomena:** F. Schlegel, P. Faber, R. Pascual-Marqui, K. Kochi, D. Lehmann
- 53 Believers in paranormal phenomena show opposite temporal pattern than skeptics in the syntax of EEG microstates:** F. Schlegel, P. Faber, P. Milz, K. Kochi, D. Lehmann,

Group Leader: HANS-PETER LIPP

- 54 Testing cognitive navigation: Homing pigeons fly to two different goals:** N. Blaser, G. Dell'Omo, J. Nair, V. Meskenaite, H.-P. Lipp

Group Leader: BORIS B. QUEDNOW

- 55 Impaired joint attention in cocaine users:** K. Preller, L. Hulka, D. Jenni, B.B. Quednow
- 56 Social decision-making and impulsivity in recreational and dependent cocaine users:** L. Hulka, C. Eisenegger, D. Jenni, K. Preller, B.B. Quednow

Group Leader: ROBERT RIENER

- 57 Cognimat – A virtual reality device for cognitive rehabilitation of dementia:** B. Buss, D. Kiper, C. Hock, R.M. Nitsch, R. Riener

Group Leader: MARTIN WOLF

- 58 fNIRS: inverse oxygenation in response to motor imagery:** L. Holper, D. Shalom, M. Sigman, M. Wolf

Group Leader: FRANZ VOLLENWEIDER

- 59 Impact of neurochemical manipulation on sensory gating in healthy subjects with low gating levels:** P.A. Csomor, F.X. Vollenweider

Group Leader: BENJAMIN YEE

- 60 Effects on spatial learning and memory by genetic modification of adenosine kinase expression:** P. Singer, S. McGarrity, P. Svrckova, J. Feldon, D. Boison, B.K. Yee

AGING AND DISORDERS OF THE NERVOUS SYSTEM**Group Leader: ADRIANO AGUZZI**

- 61 Luminescent conjugated polymers: a new prion-interacting scaffold:** I. Margalith, S. Hornamann, J. Falsig, P. Nilsson, C. Suter, P. Schwarz, A. Aguzzi

Group Leader: BURKHARD BECHER

- 62 Il-12 family cytokines in rejection of experimental glioma:** J. vom Berg, A. Haimovici, S. Haller, B. Becher

Group Leader: MARTIN KECK

- 63 The Zurich algorithm-guided treatment trial: Comparison of a stepwise drug treatment algorithm and treatment as usual in patients suffering from depression:** T. Montani, A. Zumstein, C. Lengen, R. Bachmann, T. Ingenbleek, M. Pitterl, M. Adli, G. Berger, H.-J. Haug, M.E. Keck

Group Leader: IRENE KNÜSEL

- 64 The effect of combined pre- and postnatal viral infection on AD-like neuropathology in wild-type mice:** A. Manalastas, M. Hilfiker, I. Knuesel
- 65 Localization of Reelin in the postmortem human hippocampal formation:** T. Notter, J. Doehner, J.-M. Fritschy, I. Knuesel

Group Leader: UWE KONIETZKO

- 66 Nuclear signaling by the APP family members:** U. Konietzko, Z.V. Goodger, A. Trutzel, R.M. Nitsch
- 67 Analysis of A β -mediated disruption of synaptic plasticity in transgenic arcA β mice:** A. Trutzel, M. Knobloch, R.M. Nitsch, U. Konietzko

Group Leader: ULRICH MEHNERT
(ZNZ associate, University Clinic Balgrist)

- 68 Is EEG a feasible method to investigate cortical activation due to intravesical electric and S3 dermatome heat stimulation?:** F. Gregorini, J. Wöllner, U. Mehnert
- 69 The cortical substrate of bladder control in SCI and the effect of peripheral dorsal genital nerve stimulation:** U. Mehnert, L. Michels, M.-Z. Zempleni, B. Schurch, S. Kollias

Group Leader: ROGER M. NITSCH

- 70 Targeted drug delivery against beta-amyloidosis in Alzheimer's disease mouse models by using focused ultrasound technology:** L. Strobel, Z. Kovacs; B. Werner; R.M. Nitsch
- 71 Reduced B-cell memory for Abeta correlates with cognitive deficits in Alzheimer's disease:** A. Szodorai, C. Marty, C. Hock, R.M. Nitsch

protecting factor against the development or the progression of brain beta-amyloidosis in AD

- 72 In vitro selection of Abeta-binding molecules:** M.I. Hanenberg, M.I. Maier, P. Parizek, F. Wirth, A. Plückthun, R.M. Nitsch

Group Leader: LAWRENCE RAJENDRAN

- 73 Mapping the membrane trafficking pathways involved in the production of Alzheimer's disease β -amyloid peptide:** B. Felmy, L. Rajendran

- 74 Cell biology of non-amyloid substrates of BACE1:** S. Ben Halima, M. Willem, S. Mishra, A. Cafilisch, C. Haass, L. Rajendran

Group Leader: HANS STASSEN

- 75 Polypharmacy in psychiatry: Clinical practice versus empirical evidence:** K. Lötscher, I.G. Anghelescu, S. Braun, R. Bridler, H.H. Stassen
- 76 Characteristic sleep disturbance patterns in depression:** S. Braun, I.G. Anghelescu, H. Böker, K. Lötscher, D. Rujescu, C. Scharfetter, D. Riemann, A. Szegedi, H.H Stassen

Group Leader: GHAZALEH TABATABAI

- 77 Accumulation of ceramide sensitizes glioma cells to irradiation and alkylating chemotherapy *in vitro*:** D. Gramatzki, C. Herrmann, M.Weller, G.Tabatabai
- 78 Real-time monitoring glioma-mediated attraction of bone marrow-derived hematopoietic progenitor cells *in vivo*:** K. Hasenbach, S. Wiehr, C. Herrmann, T. Bolmont, S. Grathwohl, M.Jucker, M.Weller, C. Lengerke, B. Pichler, G.Tabatabai

Group Leader: NICOLAS TRICAUD

- 79 Stop rolling now! : Mammalian Disc-Large 1 interacts with PTEN to curb myelination in peripheral nerves:** L. Cotter, M. Oezcelik, C. Jacob, J. Pereira, R. Baumann, V. Locher, J. Relvas, U. Suter, N. Tricaud

Group Leader: BEAT THÖNY

- 80 Atypical autism associated with the heterozygous Gly56Ala allele of the SLC6A4 serotonin transporter gene and low serotonin turnover in the CNS:** D. Adamsen, D. Meili, N. Blau, V. Ramaekers, B. Thöny
- 81 A murine *Pts* model to study its role in BH₄ deficiency and monoamine neurotransmitter function and contribution to human disease:** D. Adamsen, B. Ledermann, R. Scavelli, N. Blau, B. Thöny

Group Leader: MICHAEL WELLER

- 82 Mechanisms of neuroprotection in ischemic tolerance – the role of inhibition:** J. Artmann, M. Rudin, S. Wegener

- 83 The integrin inhibitor cilengitide interferes with TGF- β signalling in malignant glioma cells:** M. Silginer, I. Tritschler, P. Roth, M. Weller
- 84 Acquired resistance to temozolomide in glioma cells is mediated by different mechanisms:** C. Happold, P. Roth, M. Weller
- 85 Immunological characterization of glioma stem-like cells:** F. Wolpert, G. Eisele, P. Roth, G. Tabatabai, K. Frei, M. Weller

COMPUTATION AND MODELING

Group Leader: RODNEY DOUGLAS

- 86 A reward-modulated Hebbian learning rule for decision making:** M. Pfeiffer, R. Douglas
- 87 Maze navigation using factor graphs:** D. Goehlsdorf, M. Cook
- 88 Belief-propagation as an implicit meta-phenomenon of spike-based processing:** A. Steimer, R. Douglas

Group Leader: GIACOMO INDIVERI

- 89 Methods and tools for developing distributed multi-chip neuromorphic systems:** E. Neftci, D. Fasnacht, S. Sheik, F. Stefanini, S. Moradi, E. Chicca, G. Indiveri
- 90 Neural computational models using distributed multi-chip neuromorphic systems:** F. Stefanini, E. Neftci, G. Vijeo, M. Beyeler, R. Von Rohr, E. Chicca, G. Indiveri

Group Leader: KLAAS E. STEPHAN

- 91 Mismatch negativity indexes generative learning:** F. Lieder, K.J. Friston, M.I. Garrido, K.E. Stephan
- 92 Model-based inference on subject-specific mechanisms of (mal)adaptive learning and decision-making:** S. Iglesias, K.H. Brodersen, L. Kasper, C. Mathys, M. Piccirelli, K.E. Stephan

BIOMEDICAL TECHNOLOGY AND IMAGING**Group Leader: SIMON AMETAMEY**

- 93 PET tracer accumulation in the eye region of rodents:** M.I. Kehl, M. Honer, P.A. Schubiger, S.M. Ametamey

Group Leader: BURKHARD BECHER

- 94 A new mouse model to quantify *in vivo* demyelination and remyelination:** G. Locatelli, T. Buch, A. Baggiolini, B. Becher

Group Leader: KYNAN ENG

- 95 Control of ownership and immersion in virtual reality:** N. Kobashi, J. Spillmann, L. Holper, P. Pyk, D. Kiper, K. Eng
- 96 Virtual reality for motor rehabilitation and functional pain treatment in iSCI patients:** M. Villiger, J. Spillmann, B. Meilick, P. Pyk, N. Estevez, M.-C. Hepp-Reymond, A. Curt, D. Kiper, S. Kollias, S. Hotz-Boendermaker, K. Eng

Group Leader: FRITJOF HELMCHEN

- 97 Imaging across the scales: simultaneous measurement of fMRI BOLD and neuronal Ca²⁺ signals in rat neocortex:** K. Schulz, E. Sydekum, C.J. Engelbrecht, M. Rudin, F. Helmchen

Group Leader: SPYROS KOLLIAS

- 98 Assessment of arm related brain activity using an MR-compatible manipulandum:** N. Estévez, V. Klamroth-Marganska, N. Yu, M. Brügger, M. Villiger, M.-C. Hepp-Reymond, R. Riener, S. Kollias

Group Leader: MARKUS RUDIN

- 99 Magnetic Resonance Spectroscopy for metabolic profiling in animal models of psychiatric disease:** A. Seuwen, C.F. Schmidt, M. Rudin
- 100 Manganese-enhanced MRI to study Calcium homeostasis in a mouse model of cerebral amyloid angiopathy:** J. Grandjean, J. Klohs, M. Rudin
- 101 Functional magnetic resonance imaging of nociception in mouse brain and spinal cord:** A. Schröter, J. Yankam Njiwa, M. Rudin

Group Leader: MARTIN WOLF

- 102 A new method to extract evoked hemodynamic responses from near-infrared neuroimaging data using ensemble empirical mode decomposition (EEMD):** F. Scholkmann, S. Spichtig, I. Trajkovic, M. Biallas, M. Wolf

ZNZ GROUP LEADERS (in alphabetic order and with poster numbers)

Aguzzi A., Department of Pathology, USZ	61
Ametamey S., Animal imaging Center, PSI, USZ/ETHZ	93
Becher B., Department of Neurology	62+94
Bertalanffy H., Department of Neurosurgery, USZ	11
Brandeis D., Department of Child and Adolescent Psychiatry, UZH	45-46
Brown S., Institute of Pharmacology and Toxicology, UZH	12-13
Brugger P., Department of Neurology, USZ	47
Courtine G., Experimental Neurorehabilitation Laboratory, UZH	31-32
Curt A., ParaCare, Swiss Paraplegic Center, University Hospital Balgrist ZH	24
Dietz V., ParaCare, Swiss Paraplegic Center, University Hospital Balgrist ZH	33
Douglas R., Institute of Neuroinformatics, UZH/ETHZ	86-88
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Eng K., Institute of Neuroinformatics, UZH/ETHZ	95-96
Fritschy J.-M., Institute of Pharmacology and Toxicology, UZH	14-15
Gerber U., Brain Research Institute, UZH	6
Hahnloser R., Institute of Neuroinformatics, UZH/ETHZ	39-40
Hengartner M., Institute of Molecular Biology, UZH	2
Helmchen F., Brain Research Institute, UZH	41+97
Indiveri G., Institute of Neuroinformatics, UZH/ETHZ	89-90
Jäncke L., Institute of Psychology, UZH	48
Jessberger S., Institute of Cell Biology, ETHZ	16-17
Jokeit H., Department of Neuropsychology, Swiss Epilepsy Center	49
Kampa B., Brain Research Institute, UZH	25
Keck M., Clinic Schlössli	63
Knüsel, I., Institute of Pharmacology and Toxicology, UZH	64-65
Kollias S., Institute for Neuroradiology, USZ	50+98
Konietzko U., Division of Psychiatry Research, UZH	66-67
Lehmann D., KEY Institute of Brain-Mind Research, USZ	51-53
Lipp H.-P., Institute of Anatomy, UZH	18+54
Liu S.-C., Institute of Neuroinformatics, UZH/ETHZ	26
Martin K., Institute of Neuroinformatics, UZH/ETHZ	7+27-28
Mehnert U., University Clinic Balgrist	68-69
Meyer-Heim H., Children's Hospital, USZ	35-36

Neuhauss S., Brain Research Institute, UZH	29+42
Nitsch R., Division of Psychiatry Research, UZH	70-72
Quednow B.B., Department of Experimental and Pharmacopsychology, University Hospital of Psychiatry	55-56
Rajendran L., Division of Psychiatry Research, UZH	73-74
Riener R., Automatic Control Laboratory, ETHZ	37+57
Rudin M., Institute of Biomedical Engineering	99-101
Schwab M.E., Brain Research Institute (UZH) and ETHZ	3+19
Sonderegger P., Department of Biochemistry, UZH	8
Stassen H., Psychiatric University Hospital ZH	75-76
Stephan K.E., Institute for Empirical Research in Economics, UZH	91-92
Stoekli E., Institute of Zoology, UZH	4
Straumann D., Department of Neurology, USZ	30+38
Suter U., Institute of Cell Biology, ETHZ	5
Tabatabai G., Department of Neurology, USZ	77-78
Thöny B. Children's Hospital, USZ	80-81
Tricaud N., Institute of Cell Biology, ETHZ	79
Van Hedel H., Spinal Cord Injury Center, Balgrist	34
Vollenweider F., Psychiatric University Hospital ZH	43+60
Walitza S., Department of Child and Adolescent Psychiatry, UZH	20-21
Weller M., Department of Neurology, USZ	82-85
Wolf M., Department of Neonatology, USZ	58+102
Yee B. Laboratory of Behavioural Neurobiology	44+60
Zaugg K., Department of Radiation Oncology, USZ	22-23
Zeilhofer H.U., Institute of Pharmacology and Toxicology, UZH	9-10