

ECS Workshop 2009 Smolenice, List of Abstracts
(Names in Bold are included into the list of participants)

1. **Ottavio Arancio**: CALPAIN INHIBITION IMPROVES SYNAPTIC FUNCTION AND MEMORY IN A MOUSE MODEL OF ALZHEIMER'S DISEASE
2. Marilena Djata Cabral, Marie-Laure Renoud, Bruno Gomes, Magali Savignac, Pierre-Emmanuel Paulet, **Marc Moreau**, **Catherine Leclerc**, Jean-Charles Guery, **Lucette Pelletier**: TARGETING CALCIUM CHANNELS SPECIFICALLY EXPRESSED BY TH2 CELLS PREVENTS EXPERIMENTAL ALLERGIC ASTHMA
3. **Catherine Leclerc** and **Marc Moreau**: Xenopus A VERTEBRATE MODEL TO STUDY Ca²⁺ SIGNALLING INVOLVED IN GENETIC DISEASES
4. **Carl E. Creutz**: FAMILY TIES: ANNEXINS, COPINE, AND SORCIN
5. **Maria Drigelova**, Stanislav Beyl, Norbert Klugbauer, **Lubica Lacinova**: THE FUNCTION OF EXTERNAL DOMAIN IN THE FIRST REPEAT OF THE Ca_v3.1 CHANNEL
6. **Estelle Leclerc** and **Stefan W. Vetter**: RAGE AND S100 PROTEINS TRANSCRIPTION LEVELS IN MELANOMA TUMORS
7. **Volker Gerke**: STRUCTURE AND FUNCTION OF ANNEXIN-S100 COMPLEXES
8. **Jacques Ghysdael**, Hind Medyouf, Hélène Alcalde, Céline Clemenson, Sophie Dodier, Nuno Dos Santos, Stéphanie Gachet, Eulalia Genesca, Charlène Lasgi: THE CALCINEURIN/NFAT PATHWAY IN LYMPHOID MALIGNANCIES
9. **Katherine A. Hajjar**, Arun B. Deora, Kaili He, MaryAnn Dassah: REGULATION OF ANNEXIN A2 AND S100A10 EXPRESSION ON THE ENDOTHELIAL CELL SURFACE
10. **Annika Heil**, **Ali Reza Nazmi**, Michaela Pöter and **Volker Gerke**: CHARACTERISTICS OF THE S100P-IQGAP1 INTERACTION
11. **Aysegül Ilhan**, Dashurie Neziri, **Magdalena Maj**, Peter R. Mazal, Martin Susani, Wolfgang Base, Walter H. Hörl, Ludwig Wagner, Wolfgang Gartner: SECRETAGOGIN (SCGN) EXPRESSION AND ITS BIOLOGICAL RELEVANCE IN RENAL CELL CARCINOMA
12. Michael Koch, **Günter Fritz**: STRUCTURAL BASIS OF RAGE S100B INTERACTION
13. **Mária Kovalská**, Martina Pavlíková, Daniel Čierny, Peter Kaplán, Zuzana Tatarková, **Ján Lehotský**: HIPPOCAMPAL RESPONSE TO ISCHEMIC PRECONDITIONING: GENE EXPRESSION OF CA²⁺ ATPASE (SPCA) AND ERK PATHWAYS AFTER CEREBRAL ISCHEMIA/REPERFUSION IN RATS
14. **Lubica Lacinova**, **Maria Drigelova**, Norbert Klugbauer: T-TYPE CALCIUM CHANNELS IN HEALTH AND DISEASE
15. **Magdalena Maj**, **Aysegül Ilhan**, Johannes Attems, Ludwig Wagner: INTERACTION BETWEEN TAU AND SECRETAGOGIN IN INSULINOMA CELLS
16. **Dinko Mitrecic**, **Charles Nicaise**, **Roland Pochet**: INJECTION OF NEURAL STEM CELLS IN A RAT MODEL OF AMYOTROPHIC LATERAL SCLEROSIS
17. **Charles Nicaise**, **Claus W. Heizmann**, **Roland Pochet**: RAGE EXPRESSION IN MOTONEURONS FROM HUMAN ALS
18. Emmanuel Perisse, Jean-Christophe Sandoz, Isabelle Néant, **Catherine Leclerc**, **Marc Moreau**, **Valérie Raymond-Delpech**: WHAT CAN WE LEARN FROM HONEYBEES? THE ROLE OF CALCIUM IN LONG-TERM MEMORY FORMATION
19. **Atoosa Rezvanpour**, **Gary S. Shaw**: A NOVEL TECHNIQUE ALLOWS FOR STRUCTURAL CHARACTERIZATION OF HIGH-AFFINITY S100-PEPTIDE INTERACTIONS
20. **Mário Šereš**, Eva Poláková, **Olga Křižanová**, Marta Šírová, **Albert Breier**, **Zdenka Sulová**: OVEREXPRESSION OF P-GLYCOROTEIN IN L1210/VCR IS ASSOCIATED WITH CHANGES OF ENDOPLASMATIC RETICULUM
21. Lukasz P. Slomnicki, **Wiesława Lesniak**: S100A6 DEFICIENCY INDUCES SENESCENCE OF MOUSE NIH 3T3 FIBROBLASTS
22. **Malte Stockebrand**, **Joanna Hermainski**, Olaf Pongs: INTERACTION PARTNERS OF NEURONAL CALCIUM SENSOR-1 IN THE MOUSE
23. **Agnieszka Strzelecka-Kiliszek**, Slawomir Pikula: ANXA6-REGULATED BONE MINERALIZATION BY SAOS-2 OSTEOBLASTS IS SRC AND ROCK KINASE DEPENDENT
24. **Barbora Tencerová**, Alexandra Zahradníková, Marta Gaburjáková: REGULATION OF RYANODINE RECEPTOR ACTIVITY BY CYTOSOLIC AND LUMINAL Ca²⁺ IN THE PRESENCE OF ATP
25. **Zuzana Tomaskova**, Frantisek Kristek, Sona Cacanyiova, **Karol Ondrias**: EFFECT OF H₂S DONOR, NaHS ON RAT BLOOD PRESSURE AND POSSIBLE INVOLVEMENT OF CALCIUM RyR2 CHANNEL
26. **Philipp O. Tsvetkov**, Alexander A. Makarov, Claude Villard, Jacques Fahy, Diane Braguer, Vincent Peyrot, and Daniel Lafitte: VINFLUNINE INHIBITS CAM-STOP INTERACTION

ECS Workshop 2009 Smolenice, List of Manuscripts

1. Daniel Bindreither and **Peter Lackner**: Structural Diversity of Calcium Binding Sites
2. **Helen Coe** and Marek Michalak: Calcium binding chaperones of the endoplasmic reticulum
3. **Carl E. Creutz**: Novel protein ligands of the annexin A7 N-terminal region suggest pro- β helices engage one another with high specificity
4. Stephanie Gachet and **Jacques Ghysdael**: Calcineurin/NFAT signaling in lymphoid malignancies
5. **Ján Lehotský**, Peter Račay, Martina Pavlíková, Zuzana Tatarková, Peter Urban, Mária Chomová, Peter Kaplán, **Mária Kovalská**: Cross-talk of intracellular calcium stores in the response to neuronal ischemia and ischemic tolerance
6. **Richmond Muimo**: Regulation of CFTR function by Annexin A2-S100A10 Complex in Health and Disease
7. **Atoosa Rezvanpour** and **Gary S. Shaw**: Unique S100 Target Protein Interactions