

27th Meeting of the Hellenic Society for Neuroscience

8th - 10th December 2017

Physiology Amphitheater "G. Cotzias", Medical School,
National and Kapodistrian University of Athens Goudi, Athens, Greece

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Friday 8/12/2017	
11:45-13:45	Registration
13:45-14:00	Opening Meeting chairs: Stamatakis Antonis and Dalla Christina
14:00-16:00	<p>Symposium 1: Young Investigators Chair: Skaliora Irini</p> <p>GemC1/Lynkeas governs the commitment and generation of multiciliated ependymal cells in the brain <i>Lalioti Maria-Eleni, Department of Physiology, Medical School, University of Patras, Greece</i></p> <p>The contributions of neuronal TNFR1 and TNFR2 to inflammatory demyelination in experimental models of multiple sclerosis <i>Boutou Athina, Laboratory of Molecular Genetics, Department of Immunology, Hellenic Pasteur Institute, Athens, Greece</i></p> <p>Cholinergic modulation of higher olfactory circuits in adult zebrafish <i>Moressis Anastasios, Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland</i></p> <p>A Tale of Two Trees: Modeling Apical and Basal Tree Contribution to L2/3 V1 Pyramidal Cell Orientation Selectivity <i>Petousakis Konstantinos-Evangelos, IMBB, FORTH and Brain and Mind Postgraduate Programme, Heraklion, Crete, Greece</i></p> <p>Drosophila Tau regulates Habituation & Long-term Memory <i>Papanikolopoulou Katerina, Division of Neuroscience, Biomedical Sciences Research Centre "Alexander Fleming", Vari, Greece</i></p> <p>rTMS effects on excitation/inhibition balance in the Poly(I:C) model of schizophrenia <i>Galanis Christos, Institute of Anatomy and Cell Biology, Department of Neuroanatomy, Faculty of Medicine, University of Freiburg and Department of Neurophysiology, Medical Faculty, Ruhr-University, Bochum, Germany</i></p> <p>Sex similarities and differences in the MAM model of schizophrenia in mice <i>Chalkiadaki Kleanthi, Dept. Biology, University of Crete, Heraklion, Greece</i></p> <p>Longitudinal Learning: Experience-Driven Changes in Performance on a Simulated Prosthetic Vision Reading Task <i>Rassia Katerina Eleonora K., Cognitive Science Program, National and Kapodistrian University of Athens, Athens, Greece</i></p>
16:00-16:30	Coffee Break
16:30-18:30	<p>ECNP Preclinical Data Forum Symposium: Addressing the challenge: Approaches to generating more robust, reproducible, and predictive preclinical data Chair: Dalla Christina</p> <p>Preclinical data quality – an industry perspective <i>Steckler Thomas, BRQC-QP&S, Janssen Pharmaceutica NV, Beerse, Belgium</i></p> <p>How to design your research for maximum impact</p>

	<p><i>Koustova Elena, National Institute on Drug Abuse, NIDA, National Institute of Health/DHHS, NIH USA</i></p> <p>How Data Sharing Can Guide Animal Modeling, Improve Translational Outcomes, and Enhance Publication Record <i>Kabitzke Patricia, Cohen Veterans Bioscience, USA</i></p> <p>The standardization fallacy and the reproducibility paradox <i>Würbel Hanno, Division of Animal Welfare, University of Bern, Switzerland</i></p> <p>Assessing quality of research practice: From manuscript checklists to auditing <i>Bespalov Anton, Partnership for Assessment and Accreditation of Scientific Practice, Heidelberg, Germany</i></p>
18:30-18:45	Short Break
18:45-19:45	<p>Plenary Lecture 1: Intergenerational influences on behavior and cognition <i>Ehninger Dan</i> <i>German Center for Neurodegenerative Diseases (DZNE), Bonn, Germany</i></p> <p>Chair: Kouvelas Elias</p>
19:45-22:00	Welcome Social

Saturday 9/12/2017

09:00-11:00	<p style="text-align: center;">Symposium 2: Cellular & Molecular Neurosciences-Development Chair: Taraviras Stavros</p> <p>Gene regulation networks in neural development <i>Politis Panagiotis, Biomedical Research Foundation of the Academy of Athens, Athens, Greece</i></p> <p>Numbers matter: an olfactory story <i>Karagozeos Domna, Medical School, University of Crete, Herakleion, Greece</i></p> <p>From glioblastoma to autism: the functional roles of interactions of tumor suppressors with microtubules <i>Mangoura Dimitra, Biomedical Research Foundation of the Academy of Athens, Athens, Greece</i></p> <p>Modulation of apoptosis controls inhibitory interneuron number in the cortex <i>Denaxa Myrto, Nervous System Development and Homeostasis Laboratory, The Francis Crick Institute, London, United Kingdom</i></p>
11:00-12:30	Poster Session 1 & Coffee Break
12:30-13:30	<p style="text-align: center;">Plenary Lecture 2: Mind-Body Interface in the Primate Cortex <i>Evrard Henry</i> <i>Functional and Comparative Neuroanatomy Lab Werner Reichardt Center for Integrative Neuroscience & Max Planck Institute for Biological Cybernetics Tübingen, Germany</i></p> <p style="text-align: center;">Chair: Karamanlidis Azarias</p>
13:30-14:30	Lunch Break
14:30-16:30	<p style="text-align: center;">Symposium 3: Cellular & Molecular Neurosciences-Neurodegeneration Chair: Tsingotjidou Anastassia</p> <p>Microneurotrophins: Promising therapeutics for Parkinson's disease <i>Angelatou Fevronia, Medical School, University of Patras, Patra, Greece</i></p> <p>Human induced pluripotent stem cells for studying nervous system development and disease <i>Matsa Rebecca, Hellenic Institute Pasteur, Athens, Greece</i></p> <p>Prion-like spreading in Parkinson's Disease <i>Vekrellis Konstantinos, Biomedical Research Foundation of the Academy of Athens, Athens, Greece</i></p> <p>Behavioral and neurochemical profile of alpha-synuclein transgenic rats: Insights into Parkinson's disease pathophysiology <i>Polissidis Alexia, Division of Basic Neurosciences, Biomedical Research Foundation of the Academy of Athens, Athens</i></p>
16:30-18:00	Poster Session 2 & Coffee Break
18:00-19:15	<p style="text-align: center;">Symposium 4: Co-organized by HSN and Gene Therapy & Regenerative Medicine Society Chairs: Matsa Rebecca & Gravanis Achileas</p> <p>Pharmacological interventions for neurogenesis and neuroprotection: from synthetic microneurotrophins to Brain-on-chip platforms <i>Charalampopoulos Ioannis, Medical School, University of Crete, Herakleion, Greece</i></p> <p>Direct reprogramming of astrocytes to induced-neurons in vitro and in vivo <i>Thomaidou Dimitra, Hellenic Institute Pasteur, Athens, Greece</i></p>
19:15-20:15	HSfN General Assembly

Sunday 10/12/2017

09:00-10:45	<p style="text-align: center;">Symposium 5: Systems Neuroscience Chair: Kosmidis Efstratios</p> <p>Spatiotemporal characteristics of human brain activity after sleep onset: in search of functional correlates <i>Kostopoulos George, Medical School, University of Patras, Patra, Greece</i></p> <p>Mirrors and reflections: 25 years after the discovery of mirror neurons <i>RaosVassilis, University of Crete, School of Medicine & Institute of Applied and Computational Mathematics, Foundation for Research and Technology Hellas, Herakleion, Greece</i></p> <p>Ex vivo analysis of cortical networks in normal and pathological brain states <i>Sigalas Charalambos, Neurophysiology Laboratory, Center for Basic Research, Biomedical Research Foundation of the Academy of Athens, Greece</i></p> <p>Functional mapping of the CA1 hippocampal region with optogenetics <i>Leska Valsamo, AIIA Laboratory, Department of Informatics, Aristotle University of Thessaloniki, Greece</i></p>
10:45-12:15	Poster Session 3 & Coffee Break
12:45-14:45	<p style="text-align: center;">Symposium 6: Behavioral Neuroscience Chair: Giakoumaki Stella</p> <p>Pharmacogenetic dissection of Habituation <i>Skoulakis Efthymios, BSRC "Alexander Fleming", Vari-Athens, Greece</i></p> <p>Fish brain on stress: mechanisms of resilience <i>Dermon Catherine, Biology Dept., University of Patras, Patras, Greece</i></p> <p>Developmental Aspects of Learning and Memory <i>Stylianopoulou Fotini, Nursing Dept., National & Kapodistrian University of Athens, Athens, Greece</i></p> <p>Effects of working memory training on cognitive flexibility in both man and mouse <i>Stavroulaki Vasiliky, Medical School, University of Crete, Heraklion, Greece</i></p>
14:45-15:30	Lunch Break
15:30-16:30	<p style="text-align: center;">Plenary Lecture 3: The gentle art of saying NO: how nitric oxide gets things done in the neuroendocrine hypothalamus <i>Prévot Vincent</i> <i>Inserm, Jean-Pierre Aubert Research Center & School of Medicine, University of Lille, Lille, France</i></p> <p style="text-align: center;">Chair: Sidiropoulou Kyriaki</p>
16:30-16:45	Awards & Closing Meeting chairs: Stamatakis Antonis and Dalla Christina