

Sunday 10/12/2017

Symposium 5: Systems Neuroscience

Chair: Kosmidis Efstratios

Spatiotemporal characteristics of human brain activity after sleep onset: in search of functional correlates Kostopoulos George, *Medical School, University of Patras, Patra, Greece*

10:00-11:30

Mirrors and reflections: 25 years after the discovery of mirror neurons Raos Vassilis, *University of Crete, School of Medicine & Institute of Applied and Computational Mathematics, Foundation for Research and Technology Hellas, Herakleion, Greece*

Ex vivo analysis of cortical networks in normal and pathological brain states Sigalas Charalambos, *Neurophysiology Laboratory, Center for Basic Research, Biomedical Research Foundation of the Academy of Athens, Greece*

11:30-13:00

Poster Session 3 & Coffee Break

Symposium 6: Behavioral Neuroscience

Chair: Giakoumaki Stella

Pharmacogenetic dissection of Habituation Skoulakis Efthymios, *BSRC "Alexander Fleming", Vari-Athens, Greece*

13:00-15:00

Fish brain on stress: mechanisms of resilience Dermon Catherine, *Biology Dept., University of Patras, Patras, Greece*

Developmental Aspects of Learning and Memory Stylianopoulou Fotini, *Nursing Dept., National & Kapodistrian University of Athens, Athens, Greece*

Effects of working memory training on cognitive flexibility in both man and mouse Stavroulaki Vasiliky, *Medical School, University of Crete, Heraklion, Greece*

15:00-15:30

Lunch Break

Plenary Lecture 3: The gentle art of saying NO: how nitric oxide gets things done in the neuroendocrine hypothalamus

Prévot Vincent

15:30-16:30

Inserm, Jean-Pierre Aubert Research Center & School of Medicine, University of Lille, Lille, France

Chair: Sidiropoulou Kyriaki

16:30-17:00

Awards Ceremony & Meeting Closing

Chairs: Stamatakis Antonis & Dalla Christina



**27th Meeting
of the Hellenic Society for Neuroscience
8th – 10th December 2017**

SHORT PROGRAM

Organizing Committee

Chairs: Stamatakis Antonis & Dalla Christina

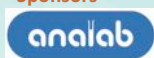
Members: Giakoumaki Stella, Kokras Nikolaos, Kosmidis Efstratios, Sidiropoulou Kyriaki, Skaliara Irini, Taraviras Stavros, Tsingotjidou Anastassia

<http://www.hsfm.gr>

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



Sponsors



Friday 8/12/2017

11:45-13:45

Registration

13:45-14:00

Meeting Opening

Chairs: Stamatakis Antonis & Dalla Christina

Symposium 1: Young Investigators

Chair: Skalioura Irini

GemC1/Lynkeas governs the commitment and generation of multiciliated ependymal cells in the brain Lalioti Maria-Eleni, *Department of Physiology, Medical School, University of Patras, Greece*

The contributions of neuronal TNFR1 and TNFR2 to inflammatory demyelination in experimental models of multiple sclerosis Boutou Athina, *Laboratory of Molecular Genetics, Department of Immunology, Hellenic Pasteur Institute, Athens, Greece*

Cholinergic modulation of higher olfactory circuits in adult zebrafish Moressis Anastasios, *Friedrich Miescher Institute for Biomedical Research, Basel, Switzerland*

A Tale of Two Trees: Modeling Apical and Basal Tree Contribution to L2/3 V1 Pyramidal Cell Orientation Selectivity Petousakis Konstantinos-Evangelos, *IMBB, FORTH and Brain and Mind Postgraduate Programme, Heraklion, Crete, Greece*

14:00-16:00

Drosophila Tau regulates Habituation & Long-term Memory Papanikolopoulou Katerina, *Division of Neuroscience, Biomedical Sciences Research Centre "Alexander Fleming", Vari, Greece*

rTMS effects on excitation/inhibition balance in the Poly(I:C) model of schizophrenia Galanis Christos, *Inst. of Anatomy and Cell Biology, Dept of Neuroanatomy, Faculty of Medicine, Univ. of Freiburg & Dept of Neurophysiology, Medical Faculty, Ruhr-University, Bochum, Germany*

Sex similarities and differences in the MAM model of schizophrenia in mice Chalkiadaki Kleanthi, *Department of Biology, University of Crete, Heraklion, Greece*

Longitudinal Learning: Experience-Driven Changes in Performance on a Simulated Prosthetic Vision Reading Task Rassa Katerina-Eleonora, *Cognitive Science Program, National and Kapodistrian University of Athens, Athens, Greece*

16:00-16:30

Coffee Break

ECNP Preclinical Data Forum Symposium

Addressing the challenge: Approaches to generating more robust, reproducible, and predictive preclinical data

Chair: Dalla Christina

Welcome Greeting Katerina Antoniou, *President National Organization for Medicines (EOF)*

Preclinical data quality – an industry perspective Steckler Thomas, *BRQC-QP&S, Janssen Pharmaceutica NV, Beerse, Belgium*

16:30-18:30

How to design your research for maximum impact Koustova Elena, *National Institute on Drug Abuse, NIDA, National Institute of Health/DHHS, NIH USA*

How Data Sharing Can Guide Animal Modeling, Improve Translational Outcomes, and Enhance Publication Record Kabitzke Patricia, *Cohen Veterans Bioscience, USA*

The standardization fallacy and the reproducibility paradox Würbel Hanno, *Division of Animal Welfare, University of Bern, Switzerland*

Assessing quality of research practice: From manuscript checklists to auditing Bespalov Anton, *Partnership for Assessment and Accreditation of Scientific Practice, Heidelberg, Germany*

18:30-18:45

Short Break

Plenary Lecture 1: Intergenerational influences on behavior and cognition

Ehninger Dan

German Center for Neurodegenerative Diseases (DZNE), Bonn, Germany

18:45-19:45

Chair: Kouvelas Elias

19:45-22:00

Welcome Social

Saturday 9/12/2017**Symposium 2: Cellular & Molecular Neurosciences-Development**

Chair: Taraviras Stavros

Gene regulation networks in neural development Politis Panagiotis, *Biomedical Research Foundation of the Academy of Athens, Athens, Greece*

Numbers matter: an olfactory story Bastakis George, *Medical School, University of Crete, Heraklion, Greece*

09:00-11:00

From glioblastoma to autism: the functional roles of interactions of tumor suppressors with microtubules Mangoura Dimitra, *Biomedical Research Foundation of the Academy of Athens, Athens, Greece*

Modulation of apoptosis controls inhibitory interneuron number in the cortex Denaxa Myrto, *Nervous System Development and Homeostasis Laboratory, The Francis Crick Institute, London, United Kingdom*

11:00-12:30

Poster Session 1 & Coffee Break

Plenary Lecture 2: Mind-Body Interface in the Primate Cortex

Evrard Henry

Functional and Comparative Neuroanatomy Lab Werner Reichardt Center for Integrative Neuroscience & Max Planck Institute for Biological Cybernetics Tübingen, Germany

12:30-13:30

Chair: Karamanlidis Azarias

13:30-14:30

Lunch Break

Symposium 3: Cellular & Molecular Neurosciences-Neurodegeneration

Chair: Tsingotjidou Anastassia

Microneurotrophins: Promising therapeutics for Parkinson's disease Angelatou Fevronia, *Medical School, University of Patras, Patra, Greece*

Human induced pluripotent stem cells for studying nervous system development and disease Matsa Rebecca, *Hellenic Institute Pasteur, Athens, Greece*

14:30-16:30

Prion-like spreading in Parkinson's Disease Vekrellis Konstantinos, *Biomedical Research Foundation of the Academy of Athens, Athens, Greece*

Behavioral and neurochemical profile of alpha-synuclein transgenic rats: Insights into Parkinson's disease pathophysiology Polissidis Alexia, *Division of Basic Neurosciences, Biomedical Research Foundation of the Academy of Athens, Athens*

16:30-18:00

Poster Session 2 & Coffee Break

Symposium 4: Co-organized by HSN and Gene Therapy & Regenerative Medicine Society

Chairs: Matsa Rebecca & Gravanis Achilleas

Pharmacological interventions for neurogenesis and neuroprotection: from synthetic microneurotrophins to Brain-on-chip platforms Charalampopoulos Ioannis, *Medical School, University of Crete, Heraklion, Greece*

18:00-19:15

Direct reprogramming of astrocytes to induced-neurons in vitro and in vivo Thomaidou Dimitra, *Hellenic Institute Pasteur, Athens, Greece*

19:15-19:30

Short Break

19:30-21:00

HSN General Assembly

21:00-23:45

Neuroscientists & Friends