

| CEST (UTC+2) | Event | Day 2 - 26 Aug, Thu (updated July 28, 2021) | | |
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| 08:40 - 08:55 | Special announcement | Video Announcement for the winner of the ALBA-FKNE Diversity Prize 2021 Join the ALBA Network and The FENS-Kavli Scholars in the celebration of the ALBA-FKNE Diversity Prize winner 2021. The Prize highlights a scientist or group that has made outstanding contributions to promoting equality and diversity in brain sciences. More information on this Prize: http://www.alba.network/awards | | |
| 09:00 - 09:45 | Plenary lecture | Ritta Hari Why should a neuroscientist be interested in social interaction? (chair: Inga Griskova-Bulanova) | | |
| 09:45 - 10:30 | FENS Presidential lecture | Wolfram Schulz Neuronal reward mechanisms (chair: FENS President) | | |
| 10:30 - 11:30 | Live discussion | ALBA panel discussion: Diversity, Equity and Inclusion in Central and Eastern Europe in the 21st century: challenges and solutions This event is part of the ALBA webinar series on regional diversity issues. The session will start with an introduction of the ALBA Network and the ALBA Declaration on Equity and Inclusion by Zeljka Krsnik (ALBA Board of Directors; University of Zagreb, Croatia) and Dora Reglodi (ALBA Ambassador; University of Pecs, Hungary). The panel comprising ALBA Members from underrepresented groups working in Central and Eastern European Countries will then discuss challenges regarding diversity, equity and inclusion. A discussion with the audience will follow the presentations. Panelists: Pranav Joshi (University Hospital Bonn, Germany), Rhea Klansek (Neuro-Bootcamp, Slovenia), Aiste Lengvenyt (CHU Montpellier, France -Lithuanian University of Health Sciences, Lithuania), Lei Zhang (University of Vienna, Austria), Maria Banqueri (Nencki Institute of Experimental Biology, Poland), Michael Oluwatolun Gabriel (Centre of New Technologies, University of Warsaw, Poland), Stephanie Lisette Proskauer Pena (Charles University, Medical Faculty in Pilsen, Czech Republic). | | |
| 12:00 - 13:00 | Symposia | Learning by reinforcement (chairs: Balázs Hangya, Sara Matias) Abhishek Banerjee Cognitive switches and sensory learning using value backpropagation Balázs Hangya Reinforcement signals broadcast by neuromodulatory systems during associative learning Angela Langdon The ubiquity of model-based reward prediction in the dopamine system Yang Yang Heterogeneity of cholinergic activities during visual discrimination learning | The neural architecture of visual awareness (chairs: Michał Wierzbicki, Marek Binder) Kristian Sandberg The neural architecture of visual awareness Nathan Fairve Electrophysiological correlates of first and second-order consciousness Chen Song What constitutes an optimal brain architecture? The role of sensory processing versus sleep Marek Binder Modulation of auditory steady-state responses by the fluctuations in the state of consciousness | Microglia and neuronal death in brain diseases (chairs: Ilmanté Borutaite, Guy C. Brown) Grzegorz Czapski / Joanna Strosznajder Microglia and their contribution to the pathomechanism of Alzheimer's disease Guy C. Brown Microglial phagocytosis of live neurons and synapses in neurodegeneration Vilmante Borutaite Extracellular tau-induced microglia-mediated neuronal death |
| 13:00 - 15:00 | Poster session & lunch break | | | |
| 15:00 - 16:00 | Special Interest Events | How a society journal handles your paper. The peer-review process and beyond (chairs: Juan Lerma, John Foxe) Juan Lerma - Editor-in-Chief of Neuroscience, the flagship journal of IBRO, Instituto de Neurociencias, CSIC-UMH, Alicante, Spain John Foxe - Editor-in-Chief of European Journal of Neuroscience, the journal of FENS, University of Rochester School of Medicine and Dentistry, NY, USA The aim of this event is to inform researchers (with an emphasis on those in the early career stage) on various aspects of the scholarly research and communication process. To provide helpful information, the focus will be on the following topics: How Society journals such as the European Journal of Neuroscience (EJN) and Neuroscience handle submissions; the importance of peer review; and insight into how the publishing process works, taking as examples EJN and Neuroscience, the flagship journals of FENS and IBRO, respectively. | Special interest event by the CHET committee: Career pathways in neuroscience and training opportunities. This Special Interest Event is dedicated for students and early career scientists participating at FENS Regional Meeting 2021 (FRM2021) interested to interact with inspiring representatives from business, publishing, industry and public sectors, all sharing a neuroscience background. Our speakers will reveal how their neuroscience background successfully contributed to their career-paths. | Promoting continuity of international collaboration in animal neuroscience research Moderated by Anna Mitchell (FENS Committee on Animals in Research, Oxford Neuroscience), this debate will aim to examine the benefits of international scientific collaboration and identify current challenges and opportunities including 3Rs strategies that are relevant for researchers working with animal models. The event will feature talks from Kirk Leach (European Animal Research Association) and Frances Wiseman (UK Dementia Research Institute) and will be followed by a live Q&A session. |
| 16:00 - 16:45 | Konorski Award Ceremony | Tomasz Prószyński: Amot and Yap1 regulate neuronal dendritic tree complexity and locomotor coordination in mice (chair: Małgorzata Skup) Magdalena Dziembowska: Mitochondrial protein biogenesis in the synapse is supported by local translation (chair: Małgorzata Skup) | | |
| 16:45 - 17:30 | Plenary lecture | Arturas Petronis Epigenomics in psychiatric disease: the circadian perspective (chair: Osvaldas Rukšėnas) | | |
| 17:30 - 18:30 | Symposia | Animal models of drug abuse - towards new neuronal mechanisms and high translational value (chairs: K. Radwańska, Anna Beroun) Yavin Shaham Reverse-translational models of drug relapse: behavior, pharmacology, circuits, and treatment implications David Belin Biobehavioural basis of the flexible inflexibility that characterises maladaptive drug-seeking at relapse Anna Beroun Amygdalar silent synapses in appetitive learning and addiction Roberto Pagano ARC in the amygdala prevents compulsive alcohol seeking | Brain imaging in neuropsychiatric disorders: innovation and translation (chair: João Valente Duarte) Kym Young fMRI amygdala neurofeedback for Major Depressive Disorder João Valente Duarte Structural and functional imaging biomarkers of Bipolar Disorder and Schizophrenia Sandra Vieira Neurofind: using deep learning to identify abnormal brain structural patterns in neuropsychiatric disorders Pedro Morgado Automated analysis of free speech as a marker of neuroimaging findings in individuals with OCD | Cortical Interneurons: from birth to networks (chairs: Domna Karageorgis, Myrto Denaxa) Lynette Lim Developmental trajectories of cortical inhibitory neurons Myrto Denaxa Mechanisms controlling the postnatal development of cortical interneurons Theo Karayannis The integration of upper layer cortical interneurons into the cortical circuits Juan Burrone The emergence and plasticity of axo-axonic synapses at the axon initial segment |
| 18:45 - 19:30 | Social events | ALBA social: Navigating academia as an LGBTQIA+ neuroscientist The ALBA Network is organizing a webinar on LGBTQIA+ inclusion and visibility. This special event will feature a panel of established scientists in brain research who identify as LGBTQIA+. Each speaker will discuss their goals, failures and successes while navigating academia as part of the LGBTQIA+ community. A Q&A session with the attendees will close this event. Panelists: Jordan Marocco (The Rockefeller University, US - ALBA Ambassador) - Chair; Paul Matusz (University of Applied Sciences, CH); Joni Wallis (University of California, US); Bittu Kavari Rajaraman (Ashoka University, IN); José Luis Peña (Einstein Institute, US); Mehmet Kurt (Stevens Institute of Technology, US); Ahmed El Hady (Princeton University, US); Sara Brownell (Arizona states University, US). This webinar will be hosted on the ALBA webinar platform. Registration is free but mandatory. Registration here: http://www.alba.network/FRM2021-LGBT | | |