

## FINAL ADVERTISEMENT

### Virtual Mini-Conference

in conjunction with virtual FENS2020 Forum

Organized by ESN

Saturday, 11<sup>th</sup> of July 2020, 09:00-12:30 (CET)

### “MOLECULAR MECHANISMS OF COGNITIVE IMPAIRMENT AND INTELLECTUAL DISABILITY”

#### Conference organizers: Co-Chairs:

Prof Illana Gozes (Israel), [igozes@tauex.tau.ac.il](mailto:igozes@tauex.tau.ac.il)), ESN Secretary

Blumrich E-M (UK) – ESN Council Member

#### Steering Committee:

Nalivaeva NN (UK/Russ) – ESN President; Hirrlinger J (Germany) - ESN Treasurer;

Rinken A (Estonia) - Past President ESN; Turner AJ (UK) - Abstract Committee

### OPEN ACCESS TO ALL FENS FORUM REGISTERED PARTICIPANTS

#### FOR REGISTRATION PLEASE VISIT:

(<https://forum2020.fens.org>)

### PROGRAMME AT A GLANCE

#### Development and Intellectual disabilities

**Gozes I** (Tel Aviv University, Israel) ADNP autism and mild cognitive impairment (9:00-9:20)

**McKinney RA** (McGill University, Montreal, Canada) Insight from Christianson syndrome on how deficits of endosomal pH impair cognition (9:20-9:40)

**Nalivaeva NN** (Inst. Evolutionary Physiology & Biochemistry, St Petersburg, Russia) Role of prenatal stress in development of cognitive disorders and search for therapy (9:40-10:00)

#### Key mechanisms and drug development

**Hirrlinger J** (Carl-Ludwig-Institute, Leipzig, Max-Planck-Institut Göttingen, Germany) Neuronal cell energy metabolism – the glial aspect (10:00- 10:20)

**Michetti F** (Catholic University, Rome, Italy) The S100B protein as a biomarker and effector in neural disorders: a potential novel therapeutic target (10:20-10:40)

**Mothet J-P** (CNRS, Marseille, France) Emerging roles of D-amino acids in the healthy and diseased brain (10:40-11:00)

#### Simon Initiative for the developing brain (<https://www.sidb.org.uk/>) Young investigator lectures

**Booker SA** - Overcompensation of cellular excitability in the Fmr1-/- mouse (11:00-11:20)

**Ribeiro Dos Louros S** - Perturbed Proteostasis in ASD (11:20-11:40).

#### Posters of ESN travel award winners (11:40-12:00)

**Hadar A** (Rehovot and Tel Aviv, Israel) Genomic biomarkers for Alzheimer disease

**Li C** (Sydney, Australia) Changes in cerebral glucose metabolism in chemotherapy-induced cognitive impairment

**Pershina E** (Pushchino, Russia) Metabotropic glutamate receptors in the hippocampus and the prefrontal cortex in rats during neurodegeneration caused by trimethyltin chloride

**Shcherbitskaia A** (St Petersburg, Russia) Gestational hyperhomocysteinemia affects development of the nervous system in rat fetuses and offspring

#### Open Discussion Highlighting E- posters (12:00-12:30)