Centro NeuroScienze
Università degli Studi dell'Insubria

UNIVERSITÀ DEGLI STUDI DELL'INSUBRIA

DBSV Dipartimento di Biotecnologie e Scienze della Vita

# Scientific Day
## Center for Research in NeuroScience

# 16 settembre 2020

**Online Event - Microsoft Teams**
**In order to receive the link please write to:**
**Centro.Neuroscienze@uninsubria.it**

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| 10:00 | **Welcome - Session opening**<br>**Lia Forti** |
| 10:10 | Dissociative disorders and brain dysfunctions: findings from scientific literature<br>*Ivano Caselli* |
| 10:30 | Molecular mechanisms of microtubule derangement in CDKL5 deficiency disorder, and target-based theraphy<br>*Isabella Barbiero* |
| 10:50 | Cannabidivarin treatment rescues autism-like behaviors and reduces hippocampal microglia activation induced by prenatal valproic acid exposure in rats<br>*Erica Zamberletti* |
| 11:10 | Acute stress effects on synaptic properties and excitability in pyramidal neurons of the rat prefrontal cortex, and their modulation by ketamine<br>*Emanuele Schiavon* |
| 11:30 | **Coffee break - Sponsors presentations** |
| 11:45 | Investigating the metabolism of D-amino acids, atypical signaling molecules in neurotransmission<br>*Silvia Sacchi* |
| 12:05 | Obeticholic acid effects on dopamine transporter expressed in *Xenopus leavis* oocytes<br>*Tiziana Romanazzi* |
| 12:25 | Glutamate transporter EAAT2 in LRRK2-associated Parkinson's disease<br>*Angela Di Iacovo* |
| 12:45 | **Lunch** |
| 14:30 | Potential role of CD4+ T Lymphocytes transcription factors in the development of long-term motor complications in Parkinson's disease<br>*Luca Magistrelli* |
| 14:50 | Dopaminergic modulation of the immune response and role in Parkinson's disease<br>*Alessia Furgiuele* |
| 15:10 | Linking phenotype to genotype: proteome signatures of neurodegenerative disorders sharing the same gene mutation<br>*Adeena Shafique* |
| 15:30 | Characterization of two nociceptors: TRPM8 and TRPV4 transplanted in *Xenopus Leavis* oocytes from patients affected by chronic pain<br>*Stefania Fozzato* |
| 16:00 | **Plenary lecture - Prof. H.E. Gendelman**<br>"Brain Immunity, COVID-19 and Neurodegenerative Disease"<br>"Margaret R. Larson" Professor of Internal Medicine and Infectious Diseases, Chairman of the Department of Pharmacology and Experimental Neuroscience, and Director of the Center for Neurodegenerative Disorders at the University of Nebraska Medical Center<br>Dr. Gendelman's lab has a broad research experience in the diagnostics, pathogenic mechanisms and therapies for neurodegenerative disorders.<br>The major focus for his research is on the role played by glial inflammatory activities in brain diseases, bridging immunology, neuroscience and pharmacology for the study of HIV-1-associated neurocognitive disorders, Parkinson's disease and ALS. |
| 17:00 | |