

Joint Workshop

Thursday, October 27th, 2022



**Bogomoletz Institute
of Physiology
Kyiv, Ukraine**



**Kyiv Academic
University,
Kyiv, Ukraine**



**EBRI, Rita Levi-
Montalcini Foundation,
Roma, Italy**

11:50, (Kiev's time): **Enrico CHERUBINI**, Welcome address

Chair: **Enrico CHERUBINI**

12:00, **Pavel BELAN**: Presynaptic inhibition and role of complement system in pain processing in the spinal cord.

12:30, **Oleg TSUPYKOV**: Stem cell-based approaches in brain recovery after ischemic stroke

13:00, **Victor DOSENKO**: Long non coding RNA and PTSD: key regulatory molecules, biomarkers or bystanders

13:30, **Nana VOITENKO**: Spinal cord glutamate receptors as a target for pain treatment

14:00, **Sergiy KOROGOD**: Neuronal excitability in health and disease: insights from in silico studies

14:30-15:00 Break

Chair: **Nana VOITENKO**

15:00, **Marilena GRIGUOLI**: Cholinergic signaling in social memory

15:30, **Silvia MARINELLI**: Microglia to neuron communication in chronic pain and other brain diseases

- 16:00, **Giovanni MELI**: New insights into conformational targeting of Alzheimer's Amyloid beta oligomers
- 16:30, **Ivan ARISI**: Machine Learning and complexity for clinical and molecular data in neurodegeneration
- 17:00, **Antonino CATTANEO**: Synactive, a new tool to monitor memory engram's formation at single synapses.
- 17:30, **Pavel BELAN & Antonino CATTANEO**: Concluding remarks