Theoretical Sessions

◊ Understanding psychiatric disorders in clinical psychiatry
  - Chair: Bernhard Baune

Psychopathology, clinical presentation and risk factors of mental illness. - Alessandro Serretti

Psychological and psychotherapeutic approaches to mental illness. - Alessandra Minelli

Psychiatric management and psychopharmacological treatments of patients. - Bernhard Baune

◊ Neuroimaging insight into psychiatric disorders and suicidality
  - Chair: Giuseppe Fanelli

The neuroimaging correlates of suicidal thoughts and behaviors in mood disorders. - Anjali Sankar

Role of neuroimaging in understanding the biological basis of psychiatric disorders. - Francesco Benedetti

◊ Introduction on genetics and the use of polygenic models in evaluating risks
  - Chair: Marie-Claude Potier

Psychiatric genetics, that sounds complex. - Evelien Van Assche

From genes to drugs: are we ready for pharmacogenetics implementation in bipolar disorder? - Alessio Squassina

Decoding the Molecular Echoes of Early Life Stress: Unraveling the miR-99b-5p and Zbp1 Pathway in Schizophrenia and Neuroinflammation. - Lalit Kaurani

◊ Introduction to pharmacogenomics in major psychiatric disorders and suicidal phenotypes
  - Chair: Mara Dierssen

Pharmacogenomics of psychiatric disorders/suicide phenotypes and treatment resistance. - Mara Dierssen
Utility of pharmacogenomics-guided testing to optimise antidepressant treatment in major depressive disorder: limitations and future opportunities.
- Alessandra Minelli

Gene expression regulation in the blood: can we detect biomarkers of psychiatric disorders?
- Marie-Claude Potier

Extracellular vesicles as a novel source of biomarkers of response to treatment in psychiatric disorders.
- Claudia Pisanu

Practical Sessions

◊ Understanding psychiatric phenotypes in clinical psychiatry.
A) molecular and genomic principles
B) imaging of psychiatric phenotypes in clinical psychiatry
  o In small groups
  o Hands-on session on morphological and functional brain MRI (MRI) traits relevant to suicidal behavior imaging
  o Analyzing genetic and transcriptomics datasets including polygenic score analyses.

... and more

◊ Keynote lecture by Pier-Vincenzo Piazza
Translating basic research in the pathophysiology of addiction to a new pharmacological class and a potential new treatment of cannabis addiction.

◊ Presentations of student projects
◊ Awards ceremony
◊ Social events