



Human Brain Project
Education Programme

3RD HBP CURRICULUM WORKSHOP SERIES
NEW HORIZONS
IN BRAIN MEDICINE:
FROM RESEARCH TO CLINICS

3-5 JULY 2019
MEDICAL UNIVERSITY INNSBRUCK
INNSBRUCK, AUSTRIA

SCIENTIFIC
PROGRAMME



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WORKSHOP INFORMATION

The aim of this interactive workshop is to introduce and deepen the understanding of brain medicine for non-specialists with the most recent advances in research of neurodevelopmental, neurodegenerative and neuropsychiatric disorders. Lectures and tutorials by international experts will report the state of the art of research and treatment of brain diseases. Hands-on examples and practical tools and methodologies will be presented during a visit to lead laboratories at Medical University Innsbruck. A student brainstorming session will be organised to allow exchange about concepts and methods.

Scientific Chair:

Illana Gozes | Tel Aviv University

Organisers:

Sylvia Aßlauer | Medical University Innsbruck

Laura Saxer | Medical University Innsbruck

Contact:

curriculum.edu@humanbrainproject.eu

Further information:

<http://bit.ly/HBP-Brainmed2019>



WEDNESDAY 3 JULY 2019

- 14:30 - 15:00 **Registration**
- 15:00 - 15:15 **Welcome note and workshop introduction**
Illana Gozes | Tel Aviv University
- 15:15 - 16:15 **Alzheimer's disease - past, present, future**
Amos Korczyn | Tel Aviv University
- 16:15 - 17:15 **The human brain project at the half-way point**
Alois Saria | Medical University Innsbruck
- 17:15 - 17:45 **Coffee break**
- 17:45 - 18:45 **Gene and environment interaction in mental disorders**
Hans Grabe | University Medicine Greifswald
- 18:45 - 20:15 **Social evening**

THURSDAY 4 JULY 2019

- 08:30 - 09:30 **The role of homocysteine in schizophrenia**
Joseph Levine | Ben Gurion University of the Negev
- 09:30 - 10:30 **Autism: From gene to drug candidate and a clinical trial plan, the case**
Illana Gozes | Tel Aviv University
- 10:30 - 13:00 **Lab visits**
- 13:00 - 14:00 **Lunch break**
- 14:00 - 15:00 **Brain banking and research approaches in human brain tissue and neuropathology**
Johannes Haybäck | Medical University Innsbruck
- 15:00 - 15:30 **Coffee break**
- 15:30 - 16:30 **Biomarkers of Alzheimer's disease**
Christian Humpel | Medical University Innsbruck
- 16:30 - 17:30 **Poster session**

FRIDAY 5 JULY 2019

- 09:00 - 10:00 **Protective effects of PACAP in models of neurodegenerative diseases, with special emphasis on Parkinson's disease**
Dora Reglodi | University of Pecs
- 10:00 - 11:00 **Modern imaging techniques (brain, retina, spinal cord) in neuroimmunology; current research and clinical applications**
Friedemann Paul | Charité Universitätsmedizin Berlin
- 11:00 - 11:30 **Coffee break**
- 11:30 - 12:30 **Insights into learning impairments and therapies for Christianson syndrome: C-linked neurological disorder**
Anne McKinney | McGill University
- 12:30 - 13:00 **Round-table discussion - methods and implementations**
- 13:30 **Exam**



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humanbrainproject.eu/education