



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

APPLICATION DEADLINE:
29 MAY 2019



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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.

Application information

Application is open to the entire student community and early career researchers, regardless of whether they are affiliated with the Human Brain Project or not.

A maximum of 30 participants will be selected by the Scientific Chair and the HBP Education Programme. It is aimed to offer equal opportunities for all early career researchers regardless of gender, age, origin, etc. Applicants are required to submit a CV and a motivation letter with their application.

Application deadline: **29 May 2019**

Participation fee: 250 €

The fee does not include travel and accommodation. Fees will be collected after participants have been selected.

A limited number of fee waivers are available for participants who submit an abstract for poster presentation. Participants can apply for fee waivers prior to the application deadline by sending an email to curriculum.edu@humanbrainproject.eu.

Scientific Chair:

Illana Gozes | Tel Aviv University

Organisers:

Sylvia Aßlauer | Medical University Innsbruck
Lisa-Marie Leichter | Medical University Innsbruck

Contact:

curriculum.edu@humanbrainproject.eu

Further information and application:

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



PRELIMINARY SCIENTIFIC PROGRAMME

This programme may be subject to change.

Wednesday 3 July 2019

Welcome note and workshop introduction | 15 min

Illana Gozes (Tel Aviv University)

Current and potential bioinformatics/statistical approaches
for defining brain disease signatures toward
healthy aging | 60 min

Mira Marcus-Kalish (Tel Aviv University)

Introduction to HBP | 60 min

Alois Saria (Medical University Innsbruck)

Gene & environment interaction in mental disorders | 60 min

Hans Grabe (University Medicine Greifswald)



Thursday 4 July 2019

The role of homocysteine in schizophrenia | 60 min

Joseph Levine (Ben Gurion University of Negev)

Autism: From gene to drug candidate and a clinical trial plan, the case of ADNP and CP201 | 60 min

Illana Gozes (Tel Aviv University)

Brain banking and research approaches in human brain tissue and neuropathology | 60 min

Johannes Haybäck (Medical University Innsbruck)

Biomarkers of Alzheimer's disease | 60 min

Christian Humpel (Medical University Innsbruck)

Poster session | 60 min

Lab visit | 150 min

Friday 5 July 2019

Protective effects of PACAP in models of neurodegenerative diseases, with special emphasis on Parkinson's disease | 60 min
Dora Reglodi (University of Pecs, Medical School)

Modern imaging techniques in neuroimmunology: Current research and clinical applications | 60 min
Paul Friedemann (Charité Universitätsmedizin Berlin)

Insight into learning impairments and therapies for Christianson syndrome: X-linked neurological disorder | 60 min
Anne McKinney (McGill University)


Round-table discussion | 30 min

ECTS information

Participants have the possibility of taking an exam related to the content of the HBP Curriculum online courses. Upon successful completion, up to **12 ECTS credits** can be awarded. The credits are awarded by the Medical University of Innsbruck / Austria (MUI). Further information on how to receive ECTS credits: www.humanbrainproject.eu/en/education/participatecollaborate/curriculum/

Poster session

A poster session is organised during the workshop. If you want to present your research in the poster session, please submit an abstract with your application.





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humanbrainproject.eu/education