

Human Brain Project
Education Programme

FIRST HBP CURRICULUM WORKSHOP SERIES

NEW HORIZONS IN CLINICAL NEUROSCIENCE: BRAIN MEDICINE FOR NON-SPECIALISTS

5-7 July 2017

Medical University Innsbruck, Austria

Application deadline: 6 June 2017

Scientific Programme

The aim of this interactive workshop is to deepen and complete the online course on brain medicine for non-specialists with the most recent advances in research of neurodegenerative and neuropsychiatric disorders. Lectures and tutorials by international experts will report the state of the art of research and treatment of brain diseases. Representatives of the Allen Institute for Brain Science (AI, USA) and the Human Brain Project (HBP, Europe) will present novel avenues for exploiting large biological datasets for future classification of brain diseases, which may lead to new strategies for developing therapeutics. Hands-on examples for using the tools developed by the Allen Institute and the HBP will be made available.

The workshop is open to the whole student community and early post-docs upon application. Applications from young female investigators are highly encouraged.

Scientific Directors:

Uri Ashery
Tel Aviv University

Alois Saria
Medical University Innsbruck

**APPLICATION DEADLINE extended to
6 June 2017**

Organisers:

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Contact:

curriculum.edu@humanbrainproject.eu

For more information visit:

[https://education.humanbrainproject.eu/
web/1st-hbp-curriculum-brain-medicine](https://education.humanbrainproject.eu/web/1st-hbp-curriculum-brain-medicine)

Scientific programme schedule

as of 29 May 2017



Human Brain Project
Education Programme

Wednesday, 5 July

14:00 - 14:30

Registration

14:30 - 14:45

Welcome note and workshop introduction

**Uri Ashery (TAU),
Alois Saria (MUI)**

14:45 - 16:15

The Allen Human Brain Atlas
Terri Gilbert (AI)

16:15 - 16:45

Coffee break

16:45 - 17:45

Neurodegenerative diseases
Nir Giladi (TAU)

17:45 - 18:45

The concept of prodromal
Parkinson's Disease
Werner Poewe (MUI)

18:45

Social evening

Thursday, 6 July

08:30 - 09:30

Multiple system atrophy
Gregor Wenning (MUI)

09:30 - 11:00

The Brainspan Atlas of the
Human Brain
Terri Gilbert (AI)

11:00 - 12:00

New pharmacological
targets for the treatment of
schizophrenia

**W. Wolfgang Fleischhacker
(MUI)**

12:00 - 13:00

Neuropsychiatric disorders:
Depression and somatic
comorbidity

**Barbara Sperner-Unterweger
(MUI)**

13:00 - 14:00

Lunch break

14:00 - 15:30

The HBP Medical Informatics
Platform: Genetic-psychiatric
disorders

tbc

15:30 - 16:30

Clinical aspects of brain
imaging

Dafna Ben-Bashat (TAU)

16:30 - 17:00

Coffee break

17:00 - 18:00

Novel therapeutic strategies
Ralph Laufer (TEVA)

18:00 - 19:30

HBP Medical Informatics
Platform: Parkinson's
Bogdan Draganski (CHUV)

Friday, 7 July

08:30 - 10:00

The Allen Brain disease
datasets

Terri Gilbert (AI)

10:00 - 11:00

New directions for
detecting early biomarkers
and treatments of
neurodegenerative diseases

Uri Ashery (TAU)

11:00 - 11:30

Coffee break

11:30 - 13:00

The HBP Medical Informatics
Platform: Disease signatures

Ferath Kherif (CHUV)

This workshop is open to the whole student community and early post-docs upon application. Applications from young female investigators are highly encouraged. **Application is required as space may be limited.** Applicants selected for participation will be informed within two weeks after the application deadline.

There is no registration fee. Seven travel grants will be available upon request (European students only). Accommodation can be provided for 30 students (first come, first served). This programme may be subject to change.

Note: The workshop is a supplement to the online course 'HBP Curriculum - Brain Medicine for non-specialists'. It is recommended for workshop participants to attend the online course as a basis for the workshop. During the workshop participants will have the possibility of taking an exam about the content of the HBP online course 'HBP Curriculum - Brain Medicine for non-specialists'.

Contact:

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For more information and application visit:

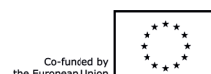
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