



Human Brain Project
Education Programme

3RD HBP CURRICULUM WORKSHOP SERIES
NEUROBIOLOGY FOR
NON-SPECIALISTS:
STUDYING THE BRAIN

1-3 JULY 2019
MEDICAL UNIVERSITY INNSBRUCK
INNSBRUCK, AUSTRIA

APPLICATION DEADLINE:
27 MAY 2019



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HBP Education Programme

WORKSHOP INFORMATION

This workshop addresses early career researchers who are not working in the field of neuroscience and/or neurobiology. The course aims to provide an understanding of how data are generated in neuroscience and what are the challenges in the interpretation of data. Active researchers will give insights into modern methods and aspects of research. This will range from histological methods over EEG to behavioural experiments and phosphoproteomics. Lab visits will be offered to those who are not familiar with wet-labs. This gained knowledge will support and stimulate the use of HBP Platforms.

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: **27 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 is 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:

Christoph Schwarzer | Medical University Innsbruck

Organisers:

Sylvia Aßlaber | Medical University Innsbruck

Lisa-Marie Leichter | Medical University Innsbruck

Contact:

curriculum.edu@humanbrainproject.eu

Further information and application:

<http://bit.ly/HBP-Neurobio2019>



MEDIZINISCHE
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INNSBRUCK



Human Brain Project

Co-funded by
the European Union



PRELIMINARY SCIENTIFIC PROGRAMME

This programme may be subject to change.

Monday 1 July 2019

Basics of neurobiology I | 45 min

Christoph Schwarzer (Medical University Innsbruck)

Basics of neurobiology II | 90 min

Christoph Schwarzer (Medical University Innsbruck)

Histological methods and microscopic techniques in
neuroscience | 120 min

Maja Puchades (University of Oslo)

Lab visit | 90 min

Tuesday 2 July 2019

In vitro methods | 90 min

Luca Zangrandi (Charité Universitätsmedizin Berlin)

Electrophysiology | 90 min

Larissa Kraus (Charité Universitätsmedizin Berlin)

Experimental and clinical EEG | 120 min

Pawel Fidzinski (Charité Universitätsmedizin Berlin)

HBP Platforms | 60 min

Alois Saria (Medical University Innsbruck)

Data use and ethical awareness in the Human Brain Project | 60 min

Manuel Guerrero (Uppsala University)

Poster session | 60 min

Wednesday 3 July 2019

Models in neuroscience | 90 min

Sarah Genon (Forschungszentrum Jülich)

Behavioural testing | 90 min

Simone Sartori (University of Innsbruck)

Omics in neuropharmacology | 90 min

Jeffrey Liu (Max Planck Institute)

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