

Brain Dynamics Graduate School



Newsletter – April '24

*Let us know if you have an announcement, upcoming event, new publication or job posting!
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Events

- **Brain Dynamics Seminar Series**

26.04. 12:00 Paul Flechsig Institute - Center of Neuropathology and Brain Research, Room 3093, Liebigstraße 19 (Haus C), 04103 Leipzig

Prof Dr Stefan Schmukle, Wilhelm Wundt Institute for Psychology, Faculty of Life Sciences, University Leipzig

“Research on Interindividual Differences”.

17.05. 12:00 Paul Flechsig Institute - Center of Neuropathology and Brain Research, Room 3093, Liebigstraße 19 (Haus C), 04103 Leipzig

Dr Lars Meyer, Max Planck Research Group Language Cycles, MPI for Human Cognitive and Brain Sciences, Leipzig & Clinic for Phoniatics and Pedaudiology, University Hospital Münster

“Tba”.

<https://www.uni-leipzig.de/en/brain-dynamics/graduate-school-brain-dynamics/news-events#c621679>

- **27. Leipziger Schlaganfalltag**

04.05. 09:00 – 13:30 Hybrid: online & Medien-campus Villa Ida, Poetenweg 28, 04155 Leipzig

https://www.uniklinikum-leipzig.de/veranstaltungen/Seiten/Veranstaltung_6137.aspx

- **Language Circle Seminar**

08.05. Tba hybrid, online & MPI CBS, Wilhelm Wundt Room (A400), Stephanstraße 1A, 04103 Leipzig

Prof Dr Laura Batterink, Department of Psychology, University of Western Ontario, London, Canada

"Tba".

<https://www.cbs.mpg.de/language-circle-2024>

- **Leipzig School of Psychosocial Health**

15.05. 17:00 online

Prof Dr Anette Kersting, Department of Psychosomatic Medicine and Psychotherapy, University Hospital Leipzig

“Arbeitsplatzbezogene Psychosomatische Erkrankungen”.

https://www.uniklinikum-leipzig.de/veranstaltungen/Seiten/Veranstaltung_6078.aspx

- **Klinisch-Neurowissenschaftliches Kolloquium**

22.05. 17:00 University Hospital Leipzig, House 4: Meeting room "Justus von Liebig", Liebigstraße 20, 04103 Leipzig

Prof. Dr. Christian Geis, Department of Neurology, Jena University Hospital
„Von Antikörpern zu CAR-T Zellen: neue Wege in der Neuroimmunologie“;

https://www.uniklinikum-leipzig.de/veranstaltungen/Seiten/Veranstaltung_6042.aspx

News

- **Registration for the Neurobiology Doctoral Students Workshop (NeuroDoWo) 2024 open until 26th April**

The NeuroDoWo is a conference that is organized by and for PhD students working in the field of Neuroscience for over 30 years now under the patronage of the German Zoological Society (Deutsche Zoologische Gesellschaft e.V.) and German Neuroscience Society (Neurowissenschaftliche Gesellschaft e.V.). The conference will take place in Leipzig from the 20th to 23rd August 2024:

<https://neurodowo.nwg-info.de/>

- **The Humboldt Science Centre for Child Development (HumanKind) started its work at Leipzig University.**

Professor Tina Malti's main aim as director of the new centre is to promote positive child development:

<https://www.uni-leipzig.de/en/newsdetail/artikel/humankind-exploring-childrens-psychodiversity-strengthen-their-emotional-intelligence-2024-04-22>

New members

We welcome two new doctoral students to the Brain Dynamics family:

➤ **Sayan Ruwald**

Research Group Simon, Carl Ludwig Institute of Physiology, Faculty of Medicine

Research project: "Cerebellar circuit pathology in spinal muscular atrophy"

<https://physiologie.medizin.uni-leipzig.de/mobile.php?en,id145>

➤ **Marie Luise Stephan**

Research Group Simon, Carl Ludwig Institute of Physiology, Faculty of Medicine

Research project: "Apoptotic mechanisms in motor neuron diseases"

<https://physiologie.medizin.uni-leipzig.de/mobile.php?en,id145>

Latest publications

➤ Research groups **Bergner / Abou Jamra**

Dominant CST3 variants cause adult onset leukodystrophy without amyloid angiopathy.

Bergner CG, Breur M, Soto-Bernardini MC, Schäfer L, Lier J, Le Duc D, Bundalian L, Schubert S, Brenner D, Kreuz FR, Schulte B, Waisfisz Q, Bugiani M, Köhler W, Sticht H, Abou Jamra R, van der Knaap MS.

Brain. 2024 Mar 15;awae085. doi: 10.1093/brain/awae085.

➤ Research group **Hirrlinger**

Downregulated expression of lactate dehydrogenase in adult oligodendrocytes and its implication for the transfer of glycolysis products to axons.

Späte E, Zhou B, Sun T, Kusch K, Asadollahi E, Siems SB, Depp C, Werner HB, Saher G, Hirrlinger J, Möbius W, Nave KA, Goebbels S.
Glia. 2024 Apr 8. doi: 10.1002/glia.24533.

➤ Research groups **Oppermann / Abou Jamra / Morawski**

Heterozygous loss-of-function variants in DOCK4 cause neurodevelopmental delay and microcephaly.

Herbst C, Bothe V, Wegler M, Axer-Schaefer S, Audebert-Bellanger S, Gecz J, Cogne B, Feldman HB, Horn AHC, Hurst ACE, Kelly MA, Kruer MC, Kurolap A, Laquerriere A, Li M, Mark PR, Morawski M, Nizon M, Pastinen T, Polster T, Saugier-veber P, SeSong J, Sticht H, Stieler JT, Thiffault I, van Eyk CL, Marcotelles P, Vezain-Mouchard M, Abou Jamra R, Oppermann H.
Hum Genet. 2024 Mar 25. doi: 10.1007/s00439-024-02655-4.

➤ Research groups **Sabri / Schroeter / Saur / Barthel**

Improved Tau PET SUVR Quantification in 4-Repeat Tau Phenotypes with [¹⁸F]PI-2620.

Bischof GN, Brendel M, Barthel H, Theis H, Barbe M, Bartenstein P, Claasen J, Danek A, Höglinger G, Levin J, Marek K, Neumaier B, Palleis C, Patt M, Rullmann M, Saur D, Schroeter ML, Seibyl J, Song M, Stephens A, Sabri O, Drzezga A, van Eimeren T; German Imaging Initiative for Tauopathies.
J Nucl Med. 2024 Apr 4:jnumed.123.265930. doi: 10.2967/jnumed.123.265930.