

Brain Dynamics Graduate School



Newsletter – March '24

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

- **Guest lecture at the PFI**

18.03. 11:00 Paul Flechsig Institute - Center of Neuropathology and Brain Research, Room 3093, Liebigstraße 19 (Haus C), 04103 Leipzig

Prof Dr Livio Pellizzoni, Department of Pathology & Department of Cell Biology and Neurology, Columbia University Medical Center, New York, NY, USA

„Mechanisms of motor neuron disease: from RNA processing to selective neuronal vulnerability“.

<https://www.uni-leipzig.de/en/event-detail/event/mechanisms-of-motor-neuron-disease-from-rna-processing-to-selective-neuronal-vulnerability>

- **MPSCog Cognition Colloquium**

18.03. 16:00 online

Prof Dr Christian F. Doeller, Department of Psychology, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig

“Structuring experience in cognitive spaces”.

<https://www.cbs.mpg.de/events/36353/338738>

- **Leipzig School of Psychosocial Health**

10.04. 17:00 online

Prof Dr Georg Schomerus, Department of Psychiatry and Psychotherapy, University Hospital Leipzig

“Wie rede ich mit meinen Kollegen über Alkoholprobleme? Hilfen und Barrieren für einen stigmafreen Umgang mit Suchtkrankheiten”.

https://www.uniklinikum-leipzig.de/veranstaltungen/Seiten/Veranstaltung_6077.aspx

- **Brain Dynamics Seminar Series**

12.04. 12:00 Paul Flechsig Institute - Center of Neuropathology and Brain Research, Room 3093, Liebigstraße 19 (Haus C), 04103 Leipzig

Prof Dr Robert Kittel, Department of Animal Physiology, Faculty of Life Sciences, University Leipzig

“In search of active zone engrams”.

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

- **Symposium “Neurologie update 2024”**

13.04. 09:00 – 13:00 University Hospital, Seminar room 8/9, Liebigstr. 12 (Haus 1), 04103 Leipzig

Neurologie Update

https://www.uniklinikum-leipzig.de/veranstaltungen/Seiten/Veranstaltung_6005.aspx

News

- **The 12th European Conference on Clinical Neuroimaging (ECCN) in Leipzig on March 25-27**

The ECCN will bring together physicians and researchers from all brain imaging modalities (from PET to SPECT to MRI) and will also provide a window into other innovative biomarkers, new technologies and emerging areas of clinical neuroimaging:

<https://www.euroccn.com/>

- **Registration open for the Neurobiology Doctoral Students Workshop (NeuroDoWo) 2024**

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/>

New members

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

➤ **Samantha Aurich**

Research Group Pauls, Institute of Biology, Faculty of Life Sciences & Research Group Kovacs, Department of Endocrinology, Nephrology, Rheumatology, University Hospital Leipzig

Research project: “Neurophysiological mechanisms for bad food decisions”

<https://www.lw.uni-leipzig.de/en/institut-fuer-biologie/abteilungen/animal-physiology/pauls-lab>

<https://www.uniklinikum-leipzig.de/en/science-research/research-focus/obesity-research/ifb-adipositydiseases>

➤ **Gerardo Alejandro Gonzalez Aragon**

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

Research project: “Analysis of presynaptic metabolic pathways”

<https://physiologie.medizin.uni-leipzig.de/?en,id48>

Latest publications

➤ Brain Dynamics doctoral candidate **Harin Lee**

Timbral effects on consonance disentangle psychoacoustic mechanisms and suggest perceptual origins for musical scales.

Marjeh R, Harrison PMC, Lee H, Deligiannaki F, Jacoby N.

Nat Commun. 2024 Feb 19;15(1):1482. doi: 10.1038/s41467-024-45812-z.

➤ Brain Dynamics doctoral candidate **Miriam Simon** and research group **Widdig**

Sniffing behavior of semi free-ranging Barbary macaques (*Macaca sylvanus*).

Simon M, Widdig A, Weiß BM.

Am J Primatol. 2024 Feb 26: e23611. doi: 10.1002/ajp.23611.

➤ Research group **Eippert**

Thermal stimulus task fMRI in the cervical spinal cord at 7 Tesla.

Seifert AC, Xu J, Kong Y, Eippert F, Miller KL, Tracey I, Vannesjo SJ.
Hum Brain Mapp. 2024 Feb 15; 45(3): e26597. doi: 10.1002/hbm.26597.

➤ Research groups **Stassart / Fledrich**

Targeting PI3K/Akt/mTOR signaling in rodent models of PMP22 gene-dosage diseases.

Krauter D, Stausberg D, Hartmann TJ, Volkmann S, Kungl T, Rasche DA, Saher G, Fledrich R, Stassart RM, Nave KA, Goebbels S, Ewers D, Sereda MW.
EMBO Mol Med. 2024 Mar; 16(3): 616-640. doi: 10.1038/s44321-023-00019-5.