



## Events

### Promovendi of the PhD program "Systems Neuroscience winter term 2019

On 6 December were awarded the title PhD or Dr. rer. nat.:

**Friederike Attig**, Institute for Pathology, TiHo

**Philip Hampel**, Institute for Pharmacology, Toxicology and Pharmacy, TiHo

**Friederike Freiin von Hövel**, Institute of Neuroanatomy and Cell Biology, MHH

**Lisa Welzel**, Institute for Pharmacology, Toxicology and Pharmacy, TiHo

**Teresa Wenhart**, Institute for Music Physiology and Musicians' Medicine, HMTMH

Bettina Julia Wolf, Institute for Pharmacology, Toxicology and Pharmacy, TiHo



**Our sincere congratulations!**

### ZSN Seminar

Time: Thursdays, 17:15 h

Location: INI Hannover, Rudolf-Pichlmayr-Str. 4, 30625 Hannover

(Unless otherwise noted.)



[Programme](#) for download.

Winter term 2019	ZSN Seminar
24.10.2019 <b>different location!</b>	<b>Prof. Dr. Franziska Richter Assêncio</b> Institute for Pharmacology, Toxicology and Pharmacy, TiHo "Optogenetics and customized behavioral tests for in-depth functional characterization of animal models" <i>Introducing Prof. Richter Assêncio as new member of the ZSN.</i> Location: Institute for Pathology, TiHo, lecture hall
21.11.2019	<b>Norelle Wildburger, PhD</b> Institute for Pharmacology, Toxicology and Pharmacy, TiHo "Enhancing our understanding neurodegenerative diseases and biomarker discovery with mass spectrometry" <i>Introducing Dr. Wildburger as new member of the ZSN.</i>
05.12.2019	<b>Prof. Dr. Heisterkamp</b> Institute of Quantum Optics, Leibniz University "Optical stimulation of neurons, muscle cells and beyond" <i>Introducing Prof. Heisterkamp as new member of the ZSN.</i>
19.12.2019	<b>Dr. Imke Steffen</b> Institute for Physiological Chemistry and RIZ, TiHo Epidemiology and pathogenesis of neurotropic flavivirus infections <i>Introducing Dr. Steffen as new junior member of the ZSN.</i>
16.01.2020	<b>Dr. Martin Ludlow</b> Molecular Virology, Research Center for Emerging Infections and Zoonoses (RIZ), TiHo "Exploring the evolution and differential neurovirulence of morbilliviruses" <i>Introducing Dr. Ludlow as new junior member of the ZSN.</i>
30.01.2020	

### Second Year Project of the PhD students

The IdeenExpo 2019 took place June 15<sup>th</sup>-23<sup>rd</sup> at the Hanover Exhibition Center, where second year doctoral students of the PhD-program "Systemic Neurosciences" of the HGNI gave insights into the neurosciences with a bilingual workshop during two days.

The workshop "Thrill - Neurosciences up close" was designed for high school students and aimed to playfully introduce various areas of the neurosciences. After a short introduction into the general topic of neuroscience, where the doctoral students as well as their respective fields of research were presented, groups were formed and distributed to four workshop stations. At one of the stations, the students could get to know the gross anatomy and structure of the nervous system using animal brain specimens, and gain insights into pathological processes and alterations of the nervous system, which can be caused by congenital defects and diseases. At another station, a microscopic examination of self-dyed murine brain slices was part of the program. Guided by the PhD-students, the pupils could experimentally observe the stimulus transmission and perception of the peripheral nerves on their own body and in addition test their cognitive abilities, such as short-term memory and cognitive flexibility.

As part of a final discussion round, the students were able to pose questions concerning the fields of study and everyday laboratory work of the PhD-students, as well as the various disciplines (biology, biochemistry, psychology and veterinary medicine), which form the PhD-student's background.

This workshop aimed at getting young students interested in neuroscience and giving them first insights into this discipline. Feedback given by the students and their accompanying teachers was very positive, and maybe one or more of the students went home with the newly found aim to become a neuroscientist. As a keepsake, each student was able to take home their self-stained brain-slides and a small giveaway, for example walnut-brains, which were hand-made by some of the PhD-students (see picture below). For the PhD-students the 6 months of preparation time as well as the workshop itself was a lot of fun and a very rewarding experience.



*Sie sind hier:* [Forschung](#) > [ZSN-Hannover](#) > [Events](#)

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