ZNZ Zentrum für Neurowissenschaften Zürich
Neuroscience Center Zurich

Lectures spring semester 2015

ZNZ Advanced Course in Neurobiology

Mondays, 17h00 – 18h45

Lecture hall 17H05
Institute of Pharmacology and Toxicology

"Functional anatomy of the rodent brain"

Date	Lecturer	Topic
February 16	Wolfger von der Behrens	Somatosensory System I
February 23	Bruno Weber	Somatosensory System II
March 02	Hanns Ulrich Zeilhofer	Pain processing
March 09	Arko Ghosh	Motor System
March 16	Dominik Straumann	Vestibular System
March 23	Wolfger von der Behrens	Auditory System (compl. introductory course)
March 30	Daniel Kiper	Visual System (compl. introductory course)
April 06	*no lecture*	*Easter vacation April 02 – April 11*
April 13	Jean-Marc Fritschy	Central autonomic System
April 20	David Wolfer	Limbic System I
April 27	David Wolfer	Limbic System II
May 04	Jean-Marc Fritschy	Olfactory System
May 11	Darcie Moore	Adult neurogenesis
May 18	Christopher Pryce	Brain reward systems
May 25	*no lecture*	*Ascension Day*

Coordinators:
Prof. Bruno Weber

For registering, please send an e-mail to zalewski@pharma.uzh.ch

January 26th, 2015

ZNZ course “Functional anatomy of the rodent brain”

The goal of this lecture series is to provide comprehensive insights into the neuroanatomy, neurochemistry, and functional aspects of the major brain structures and their interconnections, focusing primarily on mouse and rat brain. It will consist of two parts: In part I (autumn term), the lectures and practical demonstrations will cover the anatomy, cellular, and synaptic organization of the spinal cord, brainstem, cerebellum, basal ganglia, thalamus, hypothalamus, neocortex and hippocampus, including the organization of major neurotransmitter systems in these regions. In part II (spring term), they will address the structural and functional organization of these brain systems with emphasis on nociception, olfactory and somatosensory systems, as well as auditory, vestibular, visual, motor, emotional, and cognitive processing.

See the detailed program on the ZNZ homepage.

Participants should have completed the Introductory Course in Neuroscience. The lectures will take place on Monday evening (17 h 00 - 19 h 00), at the seminar room of the Institute of Pharmacology and Toxicology (Y17H05).

For registering, please send an e-mail to Johanna Zalewski (zalewski@pharma.uzh.ch).