

**185 830 Lecture Series in the Focal Point Programme  
“Membrane and Nervous System Biochemistry”**

**2 hours starting on the 13<sup>rd</sup> April 2018 at 13:15, NC6/174, Credits: 5**

**13.04.:** Th. Pomorski: Building membranes and transport vesicle (**and course registration**)

**20.04.:** A. Faissner: Structure and Functions of the CNS Matrisome

**27.04.:** E. Förster: Neurons with a migratory background and brain lamination

**04.05.:** O. Masseck: Illuminating the serotonergic system - Modulation of GPCR signaling by light

**11.05.:** Th. Müller: APP signaling and generation of nuclear aggregates

**18.05.:** R. Heumann: Ras signalling for neuronal survival and regeneration in the brain

**25.05.:** *Pfingsten (Pentecost)*

**01.06.:** P. Happel: Novel microscopical techniques in cellular life science

**08.06.:** C. Theiß: Non-classical trophic factors in the nervous system

**15.06.:** A. Reiner: Optical control of glutamate receptors - Principles and application to synaptic signaling

**22.06.:** D. Manahan-Vaughan: Functional significance of, and mechanisms underlying, hippocampal synaptic plasticity

**29.06.:** I. Dietzel-Meyer: Functional Plasticity of neurons - Modulation of voltage-activated Na<sup>+</sup>-currents

**06.07.:** S. Herlitze: Optogenetics

**13.07.:** M. Hollmann: Glutamate Receptor Assembly and Transport to the Plasma Membrane

**20.07.:** O. Güntürkün: Cognition without Cortex

**Chair: Thomas Günther-Pomorski**