

2011

„Transducing signals in biology“

a multidisciplinary module organized by SGBM



The lectures are open to all graduate students in biology and medicine and will take place in the Weismann-Haus Lecture Hall

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THURSDAY FEBRUARY 24TH (13:00-19:30)

- 13:00 **PROF. DR. PETER MOMBAERTS** (Max Planck Institute of Biophysics, Frankfurt)
„Olfaction targeted“
- 13:55 **PROF. DR. KARL-WILHELM KOCH** (Neurosensory Science, University of Oldenburg)
„The first steps of vision“
- 15:00 **PROF. DR. SAMUEL ROSSEL** (Laboratory of Neurobiology, University of Freiburg)
„The resolution of lens and compound eyes“
- 15:55 **DR. ANDREAS LÜTHI** (Department of Neurobiology, Friedrich Miescher Institute, Basel)
„Dissecting the neuronal circuitry of fear: an optogenetic approach“
- 17:00 **PROF. DR. ANTJE ASCHENDORFF** (Implant Centrum, HNO Uniklinik, Freiburg)
„Bionic hearing - Current procedures and outcome“
- 18:00 FILM

THURSDAY MARCH 24TH (09:00-11:35)

- 09:00 **DR. RAINER FRIEDRICH** (Department of Neurobiology, Friedrich Miescher Institute, Basel)
„Dissecting olfactory computations: reading and writing neuronal activity patterns by light“
- 09:55 **PROF. DR. ROMAN ULM** (Department of Plant Biology, University of Geneva)
„Plant photoreceptors: Detection and reaction to light quality, quantity and direction“
- 10:45 **PROF. DR. ANKE BECKER** (ZBSA, University of Freiburg)
„Symbiotic plant-microbe interactions: root nodules and mycorrhizae“

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