4th ANNUAL MEETING „MOLECULAR AND CELLULAR NEUROBIOLOGY“

09:00 Uwe Wolfrum, Inst. Zoology, Univ. Mainz - Introduction

1st LECTURE SESSION: Chair: Uwe Wolfrum, Inst. Zoology, Univ. Mainz

09:05 Plenary: Beat Lutz, Dept. Physiol. Chem., Mainz/MPI Psychiatry, Munich
The roles of the endogenous cannabinoid system in physiology and pathophysiology

10:05 Carlos Mora-Ferrer, Univ. Mainz
Effects of glutamate antagonists on goldfish temporal transfer properties measured with the ERG

10:25 Holger Rabe, Dept. Psychiatry, Univ. Mainz
Determined switch of GABA sensitivity by point mutations in GABA_A receptors α subunits

10:45 – 11:15 COFFEE BREAK

11:15 Joachim Urban, Inst. Genetics, Univ. Mainz
Timing of identity: temporal specification of embryonic neural stem cells in Drosophila melanogaster

11:35 Plenary: Roland Strauß, Biozentrum, Univ. Würzburg
From mutant fruit flies to autonomously walking robots

12:35 – 13:35 LUNCH

13:35 – 15:00 POSTER EXHIBITION

2nd LECTURE SESSION: Chair Hartmut Lüddens, Dept. Psychiatry, Univ. Mainz

15:00 Plenary: Ulf Eysel, Univ. Bochum
Reprogramming the visual cortex after retinal lesions – functional dynamics and molecular aspects

16:00 Hleana L. Hanganu, Inst. Physiology & Pathophysiol., Univ. Mainz
Function and modulation of synaptic circuits in developing rat neocortex: the role of subplate neurons

16:20 – 16:40 COFFEE BREAK

16:40 Stefan Kröger, Dept. Physiol. Chem., Univ. Mainz
The Role of the Dystrophin-associated glycoprotein complex in the developing CNS

17:00 Plenary: Peter Seeburg, MPI med. Research, Univ. Heidelberg
Critical AMPA receptor properties in olfactory and spatial memory

18:00 Poster Prize Celebration

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