

# FRIAS LifeNet Workshop Perspectives in Developmental Neuroscience

October 5 and 6, 2010  
FRIAS Building, Albertstraße 19, 79104 Freiburg

Joint FRIAS Workshop of the Albert-Ludwigs-University Freiburg and the Hebrew University of Jerusalem

<b>Tuesday, 05.10.2010</b>	<b>Session / Speaker</b>	<b>Title of Session / Presentation</b>
8:00	Shuttle Bus	Hotel "Zur Krone" to FRIAS
9:00	<b>Opening Remarks</b>	Prof. Schiewer, Rector of the University of Freiburg
<b>Session 1</b>	<b>Cell fate</b>	Chair: W. Driever
9:05	Kerstin Krieglstein	Role of TGF- $\beta$ in dopaminergic neuron development
9:35	Dalit Sela-Donenfeld	A network of signaling pathways and transcription factors mediates pattern formation in the hindbrain
10:05	Eleni Roussa	Novel extrinsic and intrinsic determinants in the differentiation of rostral hindbrain serotonergic neurons
10:35	<b>Coffee Break</b>	
11:00	Adi Inbal	Early eye development in zebrafish
11:30	Katrin Huber	The development of sympathetic neurons and chromaffin cells from the neural crest
12:00	Nissim Ben-Arie	The bHLH transcription factor Nato3 and spinal cord specification
12:30-14:00	<b>Lunch Break</b>	<b>Lunch at FRIAS Lounge</b>
14:00-15:00	<b>Poster Session I</b>	
<b>Session 2</b>	<b>Neural degeneration</b>	Chair: D. Sela-Donenfeld
15:00	Ehud Cohen	The Insulin/IGF-1 signaling couples aging and toxic protein aggregation in worms and mammals
15:30	Klaus Unsicker	GDF-15 in motoneuron survival and death
16:00	<b>Coffee Break</b>	
16:30	Oded Behar	Neuronal cell death and astrocyte proliferation
17:00	Sebastian Kadener	Development of <i>Drosophila</i> models for <i>in vivo</i> monitoring of neurodegeneration
18:00	<b>Guided Tour of City Center</b>	Meeting point: Tourist Information, Rathausplatz 2-4
19:00	<b>Dinner in Town</b>	Restaurant Oberkirch, Münsterplatz 22
22:30	<b>Shuttle Bus to Hotel</b>	<b>Departure: Karlsplatz</b>

<b>Wednesday, 06.10.2010</b>	<b>Session / Speaker</b>	<b>Title of Session / Presentation</b>
8:00	Shuttle Bus	Hotel "Zur Krone" to FRIAS
<b>Session 3</b>	<b>Differentiation and neuronal cell motility</b>	Chair: K. Krieglstein
9:15	Carsten Dose	FRIAS, Head Administrator
9:30	Virginie Lecaudey	Formation of a sensory system: coordinating cell differentiation, morphogenesis and cell migration in the zebrafish lateral line
10:00	Guido Nikkhah	Homotopic versus ectopic grafts within the dopaminergic nigrostriatal projection system
10:30	<b>Coffee Break</b>	
11:00	Michael Frotscher	Reelin Stabilizes adult cortical architecture
11.30	Avihu Klar	On the turning away: Axon guidance at choice points
12.00	Jörn Schweitzer	Genetic control of longitudinal axon guidance
12:30-14:00	<b>Lunch Break</b>	<b>Lunch at FRIAS Lounge</b>
14:00-15:30	<b>Poster Session</b>	
	<b>PI Business Meeting</b>	ca. 14:45 - 15:30 in Poster Session Time slot: Topics: Future Collaborative Projects and Funding Opportunities
<b>Session 4</b>	<b>From genes to neuronal networks</b>	Chair: A. Klar
15:30	Ralf Baumeister/Enrico Schmidt	Systems biology approaches to study regulatory networks in the nervous system
16:00	Millet Trenin	Form and function of a C. elegans sensory arbor
16:30	<b>Coffee Break</b>	
17:00	Wolfgang Driever	Specification and Differentiation of Dopaminergic Neurons in Zebrafish
17:30	Adi Mizrahi	In vivo imaging of adult neurogenesis in the mouse olfactory bulb
18:00	<b>Informal Discussion</b>	<b>Pretzels, beer, wine, sandwiches</b>
	<b>End of workshop</b>	
19:30	Shuttle Bus	FRIAS to Hotel "Zur Krone"