

PROGRAM

Wednesday, 26.09.2012	
19:15 – 19:30	Opening and Welcome Remarks/ Ljudmila Borisenko and A. Nazlı Başak
19:30 – 20:00	German Scientists in Istanbul: a Historical Perspective/ Mesut Ilgım
20:00	Get Together/ Dinner
Thursday, 27.09.2012	
Developmental Neurobiology I	
<i>Chair: Tomas Pieler</i>	
09:00 – 09:25	<i>Keynote Lecture</i> Molecular control of cell polarity in epithelia and neural stem cells/ Andreas Wodarz
09:25 – 09:50	Fate specification in neural stem cells – from basic questions to potential applications/ Jens Schwamborn
09:50 – 10:15	Planarians as a model in Neuroscience/ Kerstin Bartscherer
10:15 – 10:40	Neuronal Elav proteins regulate RNA splicing and abundance to control brain glutaminase expression and neuronal excitability/ Gülayşe İnce Dunn
10:40 – 10:55	Systemic transcriptome analysis reveals the regulation of neural stem cell maintenance by an E2F1-miRNA feedback loop/ Thomas Palm
10:55 – 11:15	Coffee Break
11:15 – 11:40	PTK7 interacts with Wnts and regulates neural morphogenesis/ Annette Borchers
11:40 – 12:05	Developmental Determinants of Corticogenesis in Mice/ Geraldine Zimmer

12:05 – 12:20	Role of Nuclear Factor One Transcription Factors in Neuronal Development/ Aslı Kumbasar
12:20 – 12:35	Ptf1a utilizes Su(H) dependent and independent transcription complexes during <i>Xenopus</i> neurogenesis/ Marie-Charlotte Hedderich
12:35 – 14:00	Lunch Break
Developmental Neurobiology II <i>Chair: Tayfun Özçelik</i>	
14:00 – 14:25	Salt-inducible Kinase 2 (SIK2): A New Player in FGF2-Dependent Müller Cell Proliferation/ Kuyaş Buğra
14:25 – 14:50	Neuron-glia interactions in the visual and olfactory system of <i>Drosophila</i> / Arzu Çelik
14:50 – 15:15	Functional and molecular characterization of cell turnover in the olfactory system/ Ivan Manzini
15:15 – 15:40	Olfactory receptor gene expression in zebrafish/ Stefan Fuss
15:40 – 15:55	Regulation of olfactory receptor gene expression in zebrafish / Xalid Bayramli
15:55– 16:30	Coffee Break
16:30 – 18:00	Funding of German-Turkish Scientific Projects BMBF and TÜBİTAK Presentation Akın Akkoyun, International Bureau of the German Ministry of Education and Research (BMBF) and Zeynep Arzıman Büyükboduk, Scientific and Research Council of Turkey (TÜBİTAK) German Turkish University as accelerator of scientific and educational exchange between Turkey and Germany Ljudmila Borisenko and Tomas Pieler Discussion of the bilateral German-Turkish program in Neurosciences
18:00 – 20:00	Poster Session in the lobby and winter garden of Splendid Hotel
20:00	Dinner

Friday, 28.09.2012

Mechanisms leading to Neurological Diseases

Chair: A. Nazlı Başak

09:00 – 09:25	<i>Keynote Lecture</i> Consanguinity based dissection of complex phenotypes in humans/ Tayfun Özçelik
09:25 – 09:50	Identification of Genes and Investigation of Roles of FGFs in Charcot-Marie-Tooth Disease/ Esra Battaloğlu
09:50 – 10:15	Molecular Genetics of Epilepsy/ S. Hande Çağlayan
10:15 – 10:40	Genome regulation in cancers: Critical role of IRF4/ Tolga Emre
10:40 – 10:55	Genetically Accurate ALS Models with SOD1 Mutations in <i>Drosophila</i> / Aslı Şahin
10:55 – 11:10	ATXN2 and its neighbouring gene SH2B3 are associated with increased ALS risk in the Turkish Population/ Özgün Uyan
11:10 – 11:30	Coffee Break
Neural Cell Biology Chair: O. Uğur Sezerman	
11:15 – 11:40	<i>Keynote Lecture</i> Neurodegeneration – molecular pathways and new therapeutic strategies/ Mathias Bähr
11:40 – 12:05	The receptor tyrosine kinase MuSK binds BMPs and selectively regulates their signaling/ Atılğan Yılmaz
12:05 – 12:30	Mechanisms of myelin biogenesis and repair/ Mikael Simons

12:30 – 12:45	Notch signaling regulates synaptic transmission at the C. elegans neuromuscular junction/ Altar Sorkaç
12:45 – 13:00	Ultrastructural and Functional Analysis of Synaptic Vesicle Docking and Priming/ Cordelia Imig
13:00 – 13:15	Neurologin-2 induced allosteric transition of Collybistin underlies inhibitory postsynaptic differentiation/ Tolga Soykan
13:15 – 14:20	Lunch Break
Novel Experimental Technologies in Neurobiology <i>Chair: Mikael Simons</i>	
14:20 – 14:45	<i>Keynote Lecture</i> Constructing structural networks on the proteome scale/ Özlem Keskin
14:45 – 15:10	Synaptic vesicle recycling/ Silvio Rizzoli
15:10 – 15:35	SNP Analysis in a pathway related context to identify marker pathways/ Osman Uğur Sezerman
15:35 – 16:00	Epigenetic mechanism in neurodegenerative diseases/ André Fischer
16:00 – 16:15	Analysis of Behcet diseases GWAS data in a pathway related context/ Burcu Bakır Güngör
17:30	Bosphorus Tour and Dinner