

Day 1

June 29, Monday

HOUR	TOPIC	FACULTY
10:00-10:30	Welcome, Opening Remarks, Orientation to the V. EGE BINGSS	Gönül Ö. Peker, Reha Erzurumlu
10:30-11:30	Basic Anatomy and Development of the Spinal Cord and Brain	Mahendra Rao
11:30-11:50	Café Break	
11:50-12:50	Basic Histology & Cell Biology of Neurons Glial Cells	Gülgün Kayalıoğlu
12:50-14:00	Lunch Break	
14:00-15:00	The Biology of Astroglial Neuronal Interactions	Oğuz Gözen
15:00-16:00	How do astrocytes induce synapse formation?	Çağla Eroğlu
16:00-16:20	Café Break	
16:00-17:00	Role of Astrocytes in Peripheral Nerve Injury Induced Synaptic Plasticity in the Developing Brain	Reha Erzurumlu
17:00-18:00	Poster Viewing & Discussion	(All Participants are expected to attend. A Faculty Team will be assigned to evaluate the posters.)
19:30-22:00	Welcome Reception	

Day 2

June 30, Tuesday

HOURL	TOPIC	FACULTY
09:00-10:00	Development of the Peripheral Nervous System: Schwann Cell Development and Biology and its Role in Regeneration	Ahmet Höke
10:00-11:00	Glial Progenitor Biology and Response After Injury	Mahendra Rao
11:30-11:50	Café Break	
11:50-12:50	Axon-Schwann Cell Interaction in Peripheral Neuropathies	Ahmet Hoke
12:50-14:00	Lunch Break	
14:00-17:30	Group A: Lab 1: Session 1: Immunofluorescence Labeling, IHC and HC for Myelin and General Histology to Study Injured Spinal Cord	Samuel David et al.
14:00-17:30	Group B: Lab 2: Session 1: Culture of Human Glial Precursors and IHC and PCR Analysis	Mahendra Rao et al.
14:00-17:30	Group C: Lab 3: Session 1: Astroglial Cell Culture (Rat) 1	Özlem A. Yılmaz et al.
	<i>Lab Groups are limited to 6-8. Lab 1, 2 and 3 last for 4 afternoons. SIG Groups are limited to 15. All SIGs last for 2 afternoons. All Lab and SIG Groups will proceed with their respective Sessions following the Café Break</i>	
14:00-17:30	Group E: SIG 1: How to Prepare / Perform Effective Presentations; How to Transform Your Data to an Impressive Article; How to Critically Review a Scientific Manuscript	Kenneth Moya et al.
14:00-17:30	Group F: SIG 2: Good Conduct of Experimental Research; New Perspectives, Codes and Practices in Animal Research	Pedro Maldonado et al.
14:00-17:30	Group G: SIG 3: Good Balance of Demand and Supply in Mentoring and Trouble Shooting	Mary Bunge et al.
15:30-16:00	Café Break	

Day 3**July 1, Wednesday**

HOUR	TOPIC	FACULTY
09:00-10:00	Exogenous Transcription Factors as Survival Promoting Factors for Damaged Adult Neurons	Kenneth Moya
10:00-11:00	Secondary Injury Processes	Michael Beattie
11:00-11:20	Café Break	
11:20-12:50	Molecular Mechanisms Underlying Secondary Damage After Spinal Cord Injury	Samuel David
12:50-14:00	Lunch Break	
14:00-17:30	Group A: Lab 1: Session 2: Immunofluorescence Labeling, IHC and HC for Myelin and General Histology to Study Injured Spinal Cord	Samuel David
14:00-17:30	Group B: Lab 2: Session 2: Culture of Human Glial Precursors and IHC and PCR Analysis	Mahendra Rao
14:00-17:30	Group C: Lab 3: Session 2: Neuron / Glia Progenitor Cell Culture (Rat) 1	Taner Dağcı et al.
	<p><i>Lab Groups are limited to 6-8 participants. Lab 1, 2 and 3 last for 3 afternoons. SIG Groups are limited to 15 participants. NO SIG SESSIONS TODAY. All Lab Groups will proceed with their respective Sessions following the Café Break</i></p>	
15:30-16:00	Café Break	
14:00-18:00	Site Seeing in Izmir, Guided Tour to the Izmir Archeological Museum or Free Time for Leisure Activities	

Day 4

July 2, Thursday

HOURL	TOPIC	FACULTY
08:30-09:30	Repair of the CNS by Transplantation	Geoffrey Raisman
09:30-10:30	Combinatorial Strategies with Schwann Cell Transplantation to Repair the Injured Spinal Cord	Mary Bunge
10:30-10:50	Café	
10:50-11:50	(Title not indicated yet)	Michael G. Fehlings
11:50-12:50	(Title not indicated yet) Clinical Trials; Attributions to Neuro-Glial Interactions	Eva Sykova
12:50-14:00	Lunch Break	
14:00-17:30	Group A: Lab 1: Session 3: Immunofluorescence Labeling, IHC and HC for Myelin and General Histology to Study Injured Spinal Cord	Samuel David
14:00-17:30	Group B: Lab 2: Session 3: Culture of Human Glial Precursors and IHC and PCR Analysis	Mahendra Rao
14:00-17:30	Group C: Lab 3: Session 3: Neuron / Glia Progenitor Cell Culture (Rat) 2 & Astroglial Cell Culture (Rat) 2	Taner Dađcı et al. Özlem A. Yılmaz et al.
	<i>Lab Groups are limited to 6-8. Lab 1, 2 and 3 last for 3 afternoons. SIG Groups are limited to 15. All SIGs last for 1 afternoon. All Lab and SIG Groups will proceed with their respective Sessions following the Café Break</i>	
14:00-17:30	Group G: SIG 4: Critical and Comparative Reviews of Spinal Cord Injury Models: Challenges and Pitfalls	Mary Bunge, Michael G. Fehlings, Geoffrey Raisman, Samuel David
14:00-17:30	Group H: SIG 5: Neuroethics	Gönül Ö. Peker et al.
14:00-17:30	Group I: SIG 6: Tracking the Transplanted Cells	Eva Sykova et al.
15:30-16:00	Café Break	
20:00-23:00	Mangal (Barbeque) Party	

Day 5**July 3, Friday**

HOURL	TOPIC	FACULTY
09:00-10:00	Glial Regulation of Iron Homeostasis in the CNS in Injury and Disease	Samuel David
10:00-11:00	Neuron-Glia Interactions in Neurology and Psychiatry	Robert T. Rubin
11:30-11:50	Café Break	
11:50-12:50	The Role of Axonal Transport in Alzheimer's Disease	Kenneth Moya
12:50-14:00	Lunch Break	
14:00-15:30	Group A: Lab 1: Session 4: Immunofluorescence Labeling, IHC and HC for Myelin and General Histology to Study Injured Spinal Cord	Samuel David et al.
14:00-15:30	Group B: Lab 2: Session 4: Culture of Human Glial Precursors and IHC and PCR Analysis	Mahendra Rao et al.
	LAST DAY of Lab 1 and Lab 2 NO SIGs TODAY	
15:30-15:50	Café Break	
15:50-17:10	Mini Symposium on Neuro-Imaging Neuro-Glial Interactions: From DTI in the Rat to Novel Approaches in Neurology and Psychiatry	Ali Saffet Gönül, Laura Harsan
17:10-18:00	Summary and Evaluation of the V. EGE-BINGSS Poster Awards, SIG Awards, Adjurn	Reha Erzurumlu, Gönül Ö. Peker

Day 6**July 4, Saturday****09:00-19:00**

**Full Day Guided Tour to Ephesus (including the Selcuk Musem) and / or Pergamon
(The Site will be determined by the ballot of the Invited Faculty)**