

Day 1: June 25, Monday / TOPIC: INTRODUCTION TO NEUROINFLAMMATION

Hour		Faculty
9:00-10:00	Visiting ANITKABİR (<i>Atatürk's Mausoleum</i>)	
10:30-11:00	Welcome and Opening Remarks	Dr. Meltem Bahçelioğlu Dr. Gönül Ö. Peker Dr. Reha Erzurumlu Dr. Bayram Yılmaz
	Orientation to the Gazi-EgeBINGSS	Dr. Arzu L. Aral
<i>Session I: INTRODUCTION TO NEUROINFLAMMATION-I / Chair: Dr. Gönül Ö. Peker, Dr. Emel Ulupınar</i>		
11:00-11:50	Modulation of Inflammation by Danger and Pathogen Associated Agonists	Dr. İhsan Gürsel
11:50-12:40	Innate immunity in neuroinflammation	Dr. Dicle Güç
12:40-13:30	Brain-gut axis and inflammation	Dr. Meltem Bahçelioğlu
13:30-14:30	Lunch	
<i>Session II: INTRODUCTION TO NEUROINFLAMMATION-II / Chair: Dr. Bayram Yılmaz, Dr. Gülgün Şengül</i>		
14:30-15:20	Membrane plasticity in neuroinflammation	Dr. Vedat Evren
15:20-16:10	Neuroinflammatory pathways in pain	Dr. Hayrunnisa Bolay Belen
16:10-16:30	Coffee & Tea	
<i>LECTURE / Chair: Dr. Neşe Tunçel</i>		
16:30-17:30	Neuroinflammation in Psychiatry: Is it Important?	Dr. Robert T. Rubin
17:30-20:00	Opening Reception Cocktail Prolongé	

Day 2: June 26, Tuesday / TOPIC: NEUROINFLAMMATION IN HEALTH AND DISEASE

Hour		Faculty
Session III: NEUROINFLAMMATION IN HEALTH and DISEASE-I / Chair: Dr. Lamia Pınar, Dr. Meltem Bahçelioğlu		
09:00-09:50	Aging and brain	Dr. Michelle Adams
09:50-10:40	Defective DNA damage response cause autoinflammation in Ataxia Telangiectasia	Dr. Mayda Gürsel
10:40-11:00	COFFEE & TEA	
LECTURE / Chair: Dr. Gürkan Öztürk		
11:00-11:45		Dr. Sinan Canan
11:45-13:00	Lunch and MEMORIAL PHOTO TAKING	
LECTURE		
13:00-13:30	Animal models in neuropsychiatric disorders	
Session IV: CELLS IN NEUROIMMUNOLOGY / Chair: Dr. Samuel David		
13:30-14:00	ASTROCYTE: Immunological aspects of the blood-brain barrier	Dr. Güneş Esendağlı
14:00-14:30	NEURONS: NMDA receptor mediated neuronal damage	Dr. A. Başak Engin
14:30-15:00	MICROGLIA: Microglia and Macrophage Responses in Neuroinflammation	Dr. Arzu L. Aral
JOINT LECTURE / Chair: Dr. Robert T. Rubin		
15:00-16.00	Neuroethics in Theory and Practice	Dr. Gönül Ö. Peker & Dr. Robert T. Rubin
16:00-22:00	Visit to the Anatolian Civilizations Museum, Ankara by Night city tour by bus, and Dinner on your own	

Day 3: June 27, Wednesday / TOPIC: TRENDS IN NEUROIMMUNOLOGY & NEUROSCIENCE

HOUR		FACULTY
Session V: NEUROINFLAMMATION in DISEASE-1 / Chair: Dr. Gülgün Şengül, Dr. Rubèn López Vales		
08:30-09:20	Neuroinflammation and Cerebral Palsy	Dr. Kıvılcım Gücüyener
09:20-10:10	Inflammation in CNS injury	Dr. Samuel David
10:10-10:25	Coffee & Tea	
Session VI: NEUROINFLAMMATION in DISEASE-2 / Chair: Dr. Vedat Bulut, Dr. Emel Ulupınar		
10:25-11:15	Role of inflammation in amyotrophic lateral sclerosis	Dr. Rubèn López Vales
11:15-12:05	IL-33 as a therapeutic target in Alzheimer Disease	Dr. Eddy Foo Yew Liew
12:05-12:40	Lunch	
SPECIAL LECTURES / Co-Chairs: Dr. Reha Erzurumlu, Dr. Kozan Demircan		
12:40-13:30	All of Life (Especially Neuroscience) is a Bayesian Experience	Dr. Robert T. Rubin
13:30-14:20	Artificial intelligence applications and immunoinformatics	Dr. Vedat Bulut
	FUTURE NEUROSCIENCE in CINEMA: “EX MACHINA* (*A Distopia) (*Director: Alex Garland, 2014) CHAIR & MODERATOR: Dr. Vedat Bulut	Dr. Kozan Demircan
14:20-17:00	14:20- 14.50 A Brief Overview: Time Tunnel of the Robotics 14:50-16:40 Movie screening (without brake)(1h50min) 16:40-17:00 Planery Discussion	

Day 4: June 28, Thursday

Hour		Faculty
08:30-11:30	LAB 1B: Autoantibodies in Neuronal Disorders and Demonstration to IFA Mandatory Single Session Demonstration for All Participants (supported by Euroimmun Türkiye)	Dr. Gürkan Öztürk Dr. Peter Vogt
<i>Session VII : DEMYELINATION / Chair: Dr. Ferhan Sağın</i>		
11:30-12:20	Demyelinating Diseases and Neuroinflammation	Dr. Rana Karabudak
12:30-13:30	Lunch	
13:30-15:30 /15:30-17:30	WETLAB / Group A-C: Lab 2: Session 1: Glial cell culture	Dr. Vedat Evren, Dr. A. Başak Engin Dr. Arzu L. Aral <i>* Team Leader and Supervisor: Dr. S. David</i>
13:30-15:30 /15:30-17:30	WETLAB / Group B-D: Lab 3: Session 1: Electrophysiology	Dr. Ergin Dileköz
13:30-15:30 /15:30-17:30	SIG 1-4: How to write a scientific manuscript	Dr. Samuel David
13:30-15:30 /15:30-17:30	SIG 2-5: How to make an effective presentation	Dr. Ferhan G. Sağın & Dr. Robert T. Rubin
13:30-15:30 /15:30-17:30	SIG 3-6: Animal models of demyelination	Dr. Rubèn López Vales
17:30-19:00	PANEL DISCUSSION: “TRENDS IN NEUROSCIENCE / NEUROSURGERY” Moderators: Dr. Alp Ö. Börcek, Dr. Vedat Evren <ul style="list-style-type: none">- Era of Neuroscience-What is awaiting us?- Small world network property of human connectom- Machine learning in neurosurgery- New targets and novel anticancer treatments: Emerging trends in neuro-oncology	Dr. Alp Ö. Börcek Dr. Pınar Çeltikçi Dr. Emrah Çeltikçi Dr. Alper Erdoğan
20:00-22:30	GALA DINNER	

Day 5: June 29, Friday

Hour		Faculty
08:30-10:30	WETLAB / Group A: Lab 2: Session 2: Glial cell culture	Dr. Vedat Evren, Dr. A. Başak Engin Dr. Arzu L. Aral* <i>Team Leader and Supervisor: Dr. S. David</i>
08:30-10:30	WETLAB / Group B: Lab 3: Session 2: Electrophysiology	Dr. Ergin Dileköz
08:30-10:30	SIG 1: How to write a scientific manuscript	Dr. Samuel David
08:30-10:30	SIG 2: How to make an effective presentation	Dr. Robert T. Rubin, Dr. Ferhan G. Sağın
	SIG 3: Animal models of demyelination	Dr. Rubèn López Vales
10:30-12:30	LAB 1A: Neuromorphology Mandatory Single Session Wet Lab for All Participants	Dr. Meltem Bahçelioğlu, Dr. Tuncay Peker Dr. Emel Ulupınar, Dr. Gülgün Şengül <i>*Team Leader and Supervisor: Dr. R. Erzurumlu</i>
12:30-13:30	Lunch	
LECTURE / Chair: Dr. Gönül Ö. Peker		
13:30-14:20	Neuroscience of Creative Thinking	Dr. Hayrunnisa Bolay Belen
14:20-16:20	WETLAB / Group C: Lab 2: Session 2: Glial cell culture (overview/summary)	Dr. Vedat Evren, Dr. A. Başak Engin Dr. Arzu L. Aral <i>*Team Leader and Supervisor: Dr. S. David</i>
14:20-16:20	WETLAB / Group D: Lab 3: Session 2: Electrophysiology (overview/summary)	Dr. Ergin Dileköz
14:20-16:20	SIG 4: How to write a scientific manuscript (overview/summary)	Dr. Samuel David
14:20-16:20	SIG 5: How to make an effective presentation	Dr. Ferhan G. Sağın, Dr. Robert T. Rubin
14:20-16:20	SIG 6: Animal models of demyelination	Dr. Rubèn López Vales
No definite Coffee Break, beverages will be available at site during the lab and SIG sessions.		
CLOSING LECTURE: “SURVIVING NEUROSCIENCE TODAY AND TOMORROW”		
16:20-17:10	Importance of networking and collaborations, and being involved in the neuroscience community	Dr. Samuel David
17:10-17:30	Summary, Evaluation of the WORKSHOP, Poster Awards, Adjourn	
17:30-19:00	PUBLIC PANEL PRESENTATIONS AND PLENARY DISCUSSION: OTISM <i>Chair: Prof. Dr. Nuran Hariri</i>	Will be announced later.