

NEUROSCIENCE GRADUATE WORKSHOP and PRACTICAL TRAINING WITH INTERNATIONAL PARTICIPATION
“Neuroinflammation: a sneaky foe or a reliable friend?”
2018 June, 25-29

Day 1: 25 June, Monday

| HOOR | TOPIC: INTRODUCTION TO NEUROINFLAMMATION | FACULTY |
|--|---|---|
| 8:30-9:30 | Visiting ANITKABIR (Atatürk’s Mausoleum) | |
| 9:30-10:00 | Welcome and Opening Remarks | Dr. Gönül Ö. Peker Dr. Reha Erzurumlu Dr. Bayram Yılmaz |
| | Orientation to the GaziBINGSS | Dr. M. Bahçelioğlu, Dr. Arzu Aral |
| <i>Session I: INTRODUCTION TO NEUROINFLAMMATION-I / Chair: Dr. Gönül Ö. Peker</i> | | |
| 10 :00-10:50 | Modulation of Inflammation by Danger and Pathogen Associated Agonists | Dr. İhsan Gürsel |
| 10:50-11:40 | Innate immunity in neuroinflammation | Dr. Dicle Güç |
| 11:40-12:30 | Blood Brain Barrier and inflammation | Dr. Meltem Bahçelioğlu |
| 12:30-13:45 | Lunch | |
| <i>Session II: INTRODUCTION TO NEUROINFLAMMATION-II / Chair: Dr. Bayram Yılmaz, Dr. Gülgün Şengül</i> | | |
| 13:45-14:35 | Neuroinflammatory pathways in pain | Dr. Hayrunnisa Bolay |
| 14:35-15:25 | Membrane plasticity in neuroinflammation | Dr. Vedat Evren |
| 15:30-16.00 | Coffee & Tea | |
| <i>HONORARY LECTURE / Chair: Dr. Ferhan G. Sağın</i> | | |
| 16:00-17:00 | Neuroinflammation in Psychiatry: Is it Important? | Dr. Robert T. Rubin |
| 17:00-18:00 | Retirement Ceremony for Proffesor Gönül Ö. Peker | |
| 18:00-20:00 | Opening Reception Cocktail Prolongé | |

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Day 2: 26 June, Tuesday

| Hour | Topic: Neuroinflammation in Health and Disease | Faculty |
|--|---|--|
| <i>Session III: Neuroinflammation in Health / Chair: Dr. Lamia Pınar, Dr. Ertuğrul Kılıç</i> | | |
| 09:00-09:50 | Aging and brain | Dr. Michelle Adams |
| 09:50-10:40 | Neuroinflammation in Alzheimer’s Disease | Dr. Kenneth L. Moya |
| 10:40-11:00 | Coffee & Tea | |
| <i>Session IV: Neuroinflammation in Disease / Chair: Dr. Reha Erzurumlu, Dr. Emel Ulupınar</i> | | |
| 11:00-11:50 | Inflammation in CNS injury | Dr. Samuel David |
| 11:50-12.40 | Neuroinflammation and Cerebral Palsy | Dr. Kıvılcım Gücüyener |
| 12:40-13.30 | Defective DNA damage response cause autoinflammation in Ataxia Telangiectasia | Dr. Mayda Gürsel |
| 13:30-14:30 | Lunch | |
| 14.30-15.30 | Poster Viewing & Discussion | |
| PANEL DISCUSSION- I | | |
| 15:30-16:30 | “PANEL DISCUSSION: NEUROETHICS” | Dr. Gönül Ö. Peker , Dr. Robert T. Rubin |
| | Dinner on your own | |

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Day 3: 27 June, Wednesday

| Hour | | Faculty |
|---|--|--------------------------------------|
| <i>Session V: CELLS IN NEUROIMMUNOLOGY / Chair: Dr. Samuel David</i> | | |
| 08:45-09:15 | ASTROCYTE: Immunological aspects of the blood-brain barrier | Dr. Güneş Esendağlı |
| 09:15-09:45 | NEURONS: NMDA receptor mediated neuronal damage | Dr. A. Başak Engin |
| 09:45-10:15 | MICROGLIA: Microglia and Macrophage Responses in Neuroinflammation | Dr. Arzu L. Aral |
| 10:10-10:30 | Coffee & Tea | |
| <i>Session VI : TRENDS IN NEUROIMMUNOLOGY / Chair: Dr. Emel Ulupınar, Dr. Gülgün Şengül</i> | | |
| 10:30-11:20 | IL-33 as a therapeutic target in Alzheimer Disease | Dr. Eddy Foo Yew Liew |
| 11:20-12:10 | Artificial intelligence applications and immunoinformatics | Dr. Vedat Bulut |
| 12:10-13:20 | Lunch and Memorial Photo Taking | |
| 13:20-14:20 | "All of Life (Especially Neuroscience) is a Bayesian Experience" | Dr. Robert T. Rubin, Dr. Sinan Canan |
| PANEL DISCUSSION- II | | |
| 14:30-15:30 | “PANEL DISCUSSION: TRENDS IN NEUROSCIENCE/NEUROSURGERY” - Era of Neuroscience-What is waiting us? - Small world network property of human connectom - Machine learning in neurosurgery | Dr. Alp Ö. Börcek |
| 15:30-21:00 | City tour (Museum of Anatolian Civilizations) and dinner at Ankara Castle | |