

15th Turkish Neuroscience Congress

7–10 May 2017, Sakarya, Turkey

Program Schedule

7 May 2017 Sunday	8 May 2017 Monday	9 May 2017 Tuesday	10 May 2017 Wednesday
10.00–16.30 Workshops	08.45–12.30 Scientific Program	08.30–12.35 Scientific Program	08.30–13.00 Scientific Program
16.30–17.00 Opening Ceremony	12.20–14.00 Lunch & Poster Presentations	12.35–14.00 Lunch & Poster Presentations	13.00–14.00 Lunch & Poster Presentations
17.00–18.00 Conference 1	14.00–18.30 Scientific Program	14.00–18.30 Scientific Program	14.00–16.40 Scientific Program
18.00–19.00 Conference 2		20.00–23.00 Gala Dinner	16.40–17.00 Closing Ceremony
19.30–21.00 Reception			

7 May 2017 Sunday

10.00–17.00 Registrations

10.00–16.30 Workshops

Workshop 1

The Use of Compact Organ Electrophoresis System for Clearing of the Brain Tissue (CLARITY)

Prof. Dr. Esat Adıgüzel, Dr. Ayşegül Güngör Aydın (*Pamukkale University*)

Workshop 2

Electromyography and Human Reflexes

Prof. Dr. Kemal Türker, Dr. Gizem Yılmaz, Dr. Görkem Özyurt (*Koç University*)

Workshop 3

Tractography Methods Apply to Cerebral White Matter Using Diffusion Tensor Images and Demonstrate 3D

Prof. Dr. Niyazi Acer (*Erciyes University*)

Workshop 4

Applied Basic Biostatistics Course

Doç. Dr. Ünal Erkorkmaz (*Sakarya University*), Doç. Dr. Zübeyir Bayraktaroğlu (*Istanbul Medipol University*)

Workshop 5

Principles of Functional Near Infrared Spectroscopy-fNIRS

Prof. Dr. Lütfü Hanoğlu (*Istanbul Medipol University*), Dr. Sinem Burcu Erdoğan (*Acibadem University*)

Hall 1	
16.30–16.50	Opening Ceremony
16.50–17.00	Prof. Dr. Yücel Kanpolat Session "To the Memory of Late Prof. Dr. Yücel Kanpolat" Prof. Dr. Turgay Dalkara
17.00–18.00	Conference 1 Chairs: Prof. Dr. Canan Aykut Bingöl, Prof. Dr. Bayram Yılmaz "Traumatic Brain Injury (TBI)-Induced Neuroendocrine Changes" Prof. Dr. H. Fahrettin Keleştemur
18.00–19.00	Conference 2 Chairs: Prof. Dr. Canan Aykut Bingöl, Prof. Dr. Bayram Yılmaz "The Significant Relationship Between Physiology, Neurophysiology and Neurosurgery" Prof. Dr. M. Gazi Yaşargil
19.30–21.30	Reception – Sakarya University Congress Center

8 May 2017 Monday

Hall 1	
08.45–10.15	Oral Presentations (O-01–O-06) Chairs: Prof. Dr. Elvan Özbek, Doç. Dr. Selma Düzenli
Hall 2	
08.45–10.15	Oral Presentations (O-07–O-12) Chairs: Doç. Dr. Emine Eren Koçak, Doç. Dr. Ayşe Demirkazık
Hall 3	
09.00–16.00	Stroke Symposium
10.15–10.45	Coffee Break
Hall 1	
10.45–11.30	Conference 3 Chair: Prof. Dr. Emel Ulupınar "The Functional Organisation of the Basal Ganglia" Prof. Dr. Paul Bolam
11.35–12.20	Conference 4 Chair: Prof. Dr. Filiz Onat "Seizures and Epilepsy: From Lab to Clinics" Prof. Dr. Çiğdem Özkara
Hall 2	
11.35–12.20	Conference 5 Chair: Prof. Dr. Ümit Şehirli "The Role of Dopamine Functions in Animal Models of Depression" Yrd. Doç. Dr. Daniela Schulz
12.20–14.00	Poster Communications & Lunch Poster Communications Moderators: Group 1: Prof. Dr. Gülğün Şengül, Group 2: Prof. Dr. Işıl Aksan Kurnaz, Group 3: Doç. Dr. Birsen Aydemir

Hall 1	
14.00–16.00	<p>Symposium 1: “Brain Banks, Neurodegeneration and Biomarkers” Chairs: Prof. Dr. Turgay Çelik, Doç. Dr. Esra Yazıcı</p> <hr/> <p>“Biomarkers of Two Main Types for Alzheimer's Disease” Prof. Dr. Engin Eker</p> <hr/> <p>“Definitive Diagnosis of Demenia and Brain Banking” Prof. Dr. Ahmet Turan Işık</p> <hr/> <p>“Can Neurodegeneration Be Mimicked?” Prof. Dr. Turgay Çelik</p>
Hall 2	
14.00–16.00	<p>Symposium 2: “Basal Ganglia and Deep Brain Stimulation” Chairs: Prof. Dr. Hagai Bergman, Prof. Dr. Atilla Erol</p> <hr/> <p>“Computational Physiology of the Basal Ganglia and Deep Brain Stimulation: Closing the Loop Between Health, Disease and Treatment” Prof. Dr. Hagai Bergman</p> <hr/> <p>“Deep Brain Stimulation and Target Selection in Movement Disorders” Yrd. Doç. Dr. Boran Urfalı</p> <hr/> <p>“Functional Physio-Anatomical Network of Basal Nuclei: Past, Present and Future” Doç. Dr. İlkan Tatar</p>
16.00–16.30	Coffee Break
Hall 1	
16.30–17.30	<p>Oral Presentations (O-13–O-16) Chairs: Prof. Dr. Şerif Demir, Prof. Dr. Fatma Töre</p>
Hall 2	
16.30–17.30	<p>Oral Presentations (O-17–O-20) Chairs: Prof. Dr. Neslihan Seral Şengör, Yrd. Doç. Dr. Mehmet Ozansoy</p>
Hall 3	
16.30–17.30	<p>Oral Presentations (O-21–O-24) Chairs: Prof. Dr. Esat Adıgüzel, Yrd. Doç. Dr. Bilgehan Acar</p>
Hall 1	
17.35–18.30	<p>Conference 6 Chair: Prof. Dr. Gürkan Öztürk</p> <hr/> <p>“Observing the Brain-on-Task Using Functional Optical Brain Imaging” Prof. Dr. Banu Onaral</p>
9 May 2017 Tuesday	
Hall 1	
08.30–10.30	<p>Symposium 3: “Growth Factors in Neurological and Psychiatric Disorders” Chairs: Prof. Dr. Turgay Dalkara, Prof. Dr. Müge Yemişçi</p> <hr/> <p>“Growth Factors in Neurological and Psychiatric Disorders” Prof. Dr. Turgay Dalkara</p> <hr/> <p>“Growth Factors in Neuroprotection: Importance of Administration Route and Timing” Prof. Dr. Müge Yemişçi</p> <hr/> <p>“The Role of FGF2 and FGF-As in Affective Disorders” Doç. Dr. Emine Eren Koçak</p> <hr/> <p>“Neurotrophic Factors and Para-neuroinflammation” Doç. Dr. Hülya Karataş Kurşun</p>

Hall 2	
08.30–10.30	<p>Symposium 4: “In Silico Drug Design” Chairs: Prof. Dr. Kemal Yelekçi, Doç. Dr. Demet Akten</p> <hr/> <p>“In Silico Design of Novel and Selective Neuronal Nitric Oxide Synthase (nNOS) Inhibitors” Prof. Dr. Kemal Yelekçi</p> <hr/> <p>“Investigation of Allosteric Coupling in Human β2-Adrenergic Receptor (β2-AR) in the Presence of Intracellular Loop 3” Doç. Dr. Demet Akten</p> <hr/> <p>“Homology Modeling of Human Dopamine Transporter; Understanding the Difference Between Inhibitors and Substrates” Dr. Teodora Đikić</p>
10.30–11.00	Coffee Break
Hall 1	
11.00–11.50	<p>Conference 7 Chair: Prof. Dr. Kemal Türker</p> <hr/> <p>“Oxytocin: The Sweet Hormone?” Prof. Dr. Gareth Leng</p>
11.50–12.35	<p>Oral Presentations (O-25–O-27) Chairs: Prof. Dr. Muzaffer Sindel, Doç. Dr. Meral Yüksel</p>
Hall 2	
11.50–12.35	<p>Oral Presentations (O-28–O-30) Chairs: Prof. Dr. Fatma Sultan Kılıç, Yrd. Doç. Dr. Neslihan Alagöz</p>
Hall 3	
11.50–12.35	<p>Oral Presentations (O-31–O-33) Chairs: Doç. Dr. Arzu Aral, Yrd. Doç. Dr. Birsen Elibol</p>
12.35–14.00	<p>Poster Communications & Lunch</p> <hr/> <p>Poster Communications Moderators: Group 4: Prof. Dr. Ertuğrul Kılıç, Group 5: Prof. Dr. Müge Yemişçi, Group 6: Prof. Dr. Fatma Töre, Group 7: Prof. Dr. Ramazan Bal</p>
Hall 1	
14.00–16.00	<p>Symposium 5: “Approach to ALS and Spinal Cord Injury Patients and Improving Their Quality of Life” Chairs: Yrd. Doç. Dr. Tunç Laçın, Prof. Dr. Yeşim Parman</p> <hr/> <p>“Diagnosis and New Treatment Options in ALS” Prof. Dr. Yeşim Parman</p> <hr/> <p>“Acute Traumatic Spinal Injury Management” Prof. Dr. Erkan Kaptanoğlu</p> <hr/> <p>“Principles of Rehabilitation in Amyotrophic Lateral Sclerosis and Spinal Cord Injury” Dr. Esra Giray</p> <hr/> <p>“Nutrition Treatment in Amyotrophic Lateral Sclerosis Patients” Doç. Dr. F. Esra Güneş</p> <hr/> <p>“Effect of Diaphragm Pacing on Quality of Life of ALS and Spinal Cord Injury Patients, Who to Pace and When to Pace?” Yrd. Doç. Dr. Tunç Laçın</p> <hr/> <p>“Living with ALS” İsmail Gökçek (<i>President of ALS MNH Patients Society</i>)</p>
Hall 2	
14.00–16.00	<p>Symposium 6: “Cutting Edge Technological Methods in Neuroscience Research” Chairs: Doç. Dr. Aydın Him, Yrd. Doç. Dr. Deniz Atasoy</p> <hr/> <p>“In Vivo Micro Sensor Technology in the Diagnosis and Treatment of Brain Diseases” Prof. Dr. Ahmet Hacımüftüoğlu</p>

		"Acute Impact of VMH Activity on Appetite" Yrd. Doç. Dr. Deniz Atasoy
		"Dissecting Myelination and Demyelination at High Resolution" Yrd. Doç. Dr. Bilal Kerman
16.00–16.30	Coffee Break	
Hall 1		
16.30–17.45	Oral Presentations (O-34–O-38) Chairs: Prof. Dr. Hale Sayan Özaçmak, Doç. Dr. Hülya Karataş Kurşun	
Hall 2		
16.30–17.45	Oral Presentations (O-39–O-43) Chairs: Prof. Dr. Nurcan Dursun, Doç. Dr. İsmail Abidin	
Hall 3		
16.30–17.45	Oral Presentations (O-44–O-48) Chairs: Prof. Dr. Ramazan Bal, Doç. Dr. Gamze Tanrıöver	
Hall 1		
17.45–18.30	Conference 8 Chair: Prof. Dr. Nurettin Cengiz	
		"Theory and Practice of Reporting Diffuse Glial Tumors in Adults" Prof. Dr. Tarık Tihan
Hall 2		
17.45–18.30	Conference 9 Chair: Prof. Dr. Ahmet Hacımüftüoğlu	
		"New Insight into the Pathogenesis and Treatment of Psychiatric Disorders: Inflammation" Prof. Dr. Feyza Arıcıoğlu
20.00–23.00	Gala Dinner (Altın Güneş Garden Park, Sapanca Lake)	

10 May 2017 Wednesday

Hall 1		
08.30–10.30	Symposium 7: "Understanding Neural Networks" Chairs: Prof. Dr. Işıl Aksan Kurnaz, Prof. Dr. Ender Erdoğan	
		"Pea3 Family of Transcription Factors in Neural Circuit Formation and Selectivity" Prof. Dr. Işıl Aksan Kurnaz
		"A Grave Dilemma: Get Connected, We Die" Prof. Dr. Gürkan Öztürk
		"Molecular Control of Motor Neuron Circuitry Development" Prof. Dr. Emel Ulupınar
		"A Biochemical View to Axonal Outgrowth" Doç. Dr. Meral Yüksel
Hall 2		
08.30–10.30	Symposium 8: "Multimodal, Personalized Treatment and Neuromodulation in Neurodegenerative Diseases" Chairs: Prof. Dr. Lütfü Hanoğlu, Prof. Dr. A. Savaş Çilli	
		"Neuromodulatory Treatment Approaches in Neurodegenerative Diseases" Prof. Dr. Lütfü Hanoğlu
		"The Role of Neuromodulation in Neurodegenerative Diseases: <i>In-vivo</i> and <i>In-vitro</i> Studies" Doç. Dr. Burak Yuluğ

		"The Human Microbiome in Alzheimer's Disease as Potential Source of Biomarkers and Therapy" Doç. Dr. Süleyman Yıldırım
		"EEG Brain Oscillation Abnormalities in Neurodegenerative Diseases" Prof. Dr. Bahar Güntekin
		"Role of Steroids and Neurosteroids in the Pathogenesis and Treatment of Neurodegenerative Disorders" Prof. Dr. Mustafa Öztürk
10.30–11.00		Coffee Break
Hall 1		
11.00–11.50		Conference 10 Chair: Prof. Dr. Gülgün Şengül
		"Understanding the Value of Alpha-Synuclein as a Biomarker in Parkinson's Disease Dementia: A Story from Animal Models to Human Biospecimens" Prof. Dr. Deniz Kırık
11.55–13.00		Oral Presentations (O-49–O-52) Chairs: Prof. Dr. Fazilet Aksu, Doç. Dr. Ebru Bodur
Hall 2		
11.55–13.00		Oral Presentations (O-53–O-56) Chairs: Prof. Dr. Tamer Demiralp, Prof. Dr. Metehan Çiçek
Hall 3		
11.55–13.00		Oral Presentations (O-57–O-60) Chairs: Prof. Dr. İbrahim Tuğlu, Prof. Dr. Naciye Yaktubay Döndaş
13.00–14.00		Poster Communications & Lunch
		Poster Communications Moderators: Group 8: Prof. Dr. Ahmet Hacımüftüoğlu, Group 9: Prof. Dr. Meltem Bahçelioğlu, Group 10: Prof. Dr. Emel Ulupınar
Hall 1		
14.00–14.50		Conference 11 Chair: Prof. Dr. Gönül Peker
		"Contemporary Research and Issues on Cognitive Processes Involved in Visual Word Recognition: The Case of Turkish Orthography" Doç. Dr. İlhan Raman
Hall 2		
14.00–14.50		Conference 12 Chair: Prof. Dr. Ertuğrul Kılıç
		"Promoting Brain Remodeling and Plasticity in Ischemic Stroke: Underlying Mechanisms, Potential Pitfalls and Clinical Translation Strategies" Prof. Dr. Dirk Hermann
14.50–15.15		Coffee Break
Hall 1		
15.15–16.40		Panel 1: Chair: Prof. Dr. Bayram Yılmaz "Neuroscience in Turkey and Future Perspectives, 2017" Prof. Dr. Emel Ulupınar, Prof. Dr. Gülgün Şengül, Prof. Dr. Metehan Çiçek, Prof. Dr. Tamer Demiralp, Prof. Dr. Cafer Marangoz, Prof. Dr. Gürkan Öztürk, Prof. Dr. Ertuğrul Kılıç ve Bayram Yılmaz
Hall 2		
15.15–16.40		Panel 2: Chair: Prof. Dr. Paul Bolam "The Publishing of Scientific Papers" Prof. Dr. Paul Bolam
Hall 1		
16.40–17.00		Presentation of Awards & Closing Ceremony