

17th



04|07
April
2019

Turkish



Program

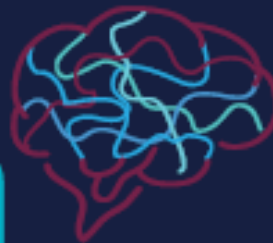
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Neuroscience



Congress

Trabzon



FENS Federation of European Neuroscience Societies

TÜSEB
HEALTH INSTITUTES OF TURKEY



Türkiye Biyolojik Anadoluluları



Neuroscience Society of Turkey
17th Turkish Neuroscience Congress
Karadeniz Technical University, Trabzon
04 – 07 April 2019

Program Overview

04 April Thursday	05 April Friday	06 April Saturday	07 April Sunday
10.00 – 17.00 Registration	08.30 – 12.30 Scientific Program	08.30 – 12.30 Scientific Program	08.30 – 12.00 Scientific Program
10.00 – 16.30 Workshops	12.30 – 14.00 Poster Presentations & Lunch	12.30 – 14.00 Poster Presentations & Lunch	12.00 – 13.00 Poster Presentations & Lunch
16.45 – 17.15 Opening Ceremony	12.30-13.00 Zeiss Presentation	14.00 – 17.00 Scientific Program	13.00 – 15.35 Scientific Program
17.15 – 18.55 Conferences 1 & 2	14.00 – 18.10 Scientific Program	17.00 – 19.30 Excursion	15.35 – 16.00 Closing Ceremony
19.30 – 21.00 Reception		20.00 – 23.30 Gala Dinner	

Congress Venue: Karadeniz Technical University, Prof. Dr. Osman Turan Congress Center

Hotel: Koru Hotel (located on the Karadeniz Technical University campus, next to the congress venue)

PROGRAM

04 April Thursday 2019

10.00-17.00 **Registrations**

10.00-16.30 **Workshops**

Workshop 1: Comparative Neuroanatomy of Human and Rat Brains

(Emel Ulupınar, Gülgün Şengül and Reha Erzurumlu)

Workshop 2: Sleep Disorders, The Relationship Between EEG and Cognitive Skills, MATLAB Applications

(Osman Eroğul, Galip Özdemir and Farhad Nassehi)

Workshop 3: Bioinformatic Analysis of Transcriptome Data

(Tunahan Çakır, Hatice Büşra Konuk and Ecehan Abdik)

16.45-17.15 Opening Ceremony

17.15-18.05 **Conference 1:** Ertuğrul Kılıç

“New Pathophysiological and Therapeutical Strategies after Ischemic Stroke: Roles of Drug Transporters, Circadian Rhythm and Fetal Microchimerism”

Chair: Prof. Dr. Haluk Keleştimur

18.05-18.55 **Conference 2:** Turgay Dalkara

“Neurobiological Basis of Migraine”

Chair: Prof. Dr. Ahmet Ayar

19.30-21.00 Reception – Karadeniz Technical University, Prof. Dr. Osman Turan Congress Center

05 April 2019 Friday

08.30 – 09.30 Salon 1: Oral Communications (OC01-OC04)

Chairs: Prof. Dr. Fazilet Aksu & Prof. Dr. Ender Erdoğan

OC01: Molecular motor mechanism of contraction in central nervous system pericytes

Gülce Küreli, Sinem Yılmaz Özcan, Alp Can, Buket Dönmez Demir, Müge Yemişci, Hülya Karataş Kurşun, Emine Eren Koçak, Turgay Dalkara

OC02: The effect of coating materials on morphology and function of the cells in two and three-dimensional primary neuronal cultures

Emine Şekerdağ, Serçin Karahüseyinoğlu, Mohammad Mohammadi Aria, Yağmur Çetin Taş, Dila Atak, Sedat Nizamoglu, İhsan Solaroglu, Yasemin Gürsoy Özdemir

OC03: Investigation of myelin membrane expansion dynamics of the central nervous system

Tuba Oğuz, Bilal Ersen Kerman

OC04: Effect of paracetamol in proliferation of glioblastoma cell line: The role of apoptosis and COX-2, IRS1 and Cyclin B expressions

Hamdi Muhammed Demirkol

08.30 – 09.30 Salon 2: Oral Communications (OC05-OC08)

Chairs: Prof. Dr. Mete Özcan & Doç. Dr. Arzu Aral

OC05: Investigation of high frequency oscillations in BDNF heterozygous mouse hippocampus and entorhinal cortex

İsmail Abidin, Selcen Aydın Abidin

OC06: Effects of 7,8-dihydroxyflavone, a tyrosine kinase-B receptor agonist, on epileptiform activity in mice brain slices

Selcen Aydın Abidin, İsmail Abidin

OC07: Investigating GABAergic control of the dentate gyrus in the reversal of long-term potentiation

Sümeysra Delibaş, Hatice Saray, Nurcan Dursun, Cem Süer

OC08: Effect of γ -aminobutyric acid receptors inhibition on the low-frequency primed long term potentiation

Bilal Koşar, Sümeysra Delibaş, Nurcan Dursun, Cem Süer

08.30 – 09.30 Salon 3: Oral Communications (OC09-OC12)

Chairs: Prof. Dr. Asiye Nurten & Doç. Dr. Hülya Karataş Kurşun

OC09: Evaluation of Clock Drawing Test in Patients With Schizophrenia

Aslıhan Degerli, Aslıhan Dönmez, Celal Şalçini

OC10: Flashbulb Memories in Alzheimer's Disease

Merve Çebi, Barış Metin, Burak Çevre, Kemal Arıkan, Nevzat Tarhan

OC11: Cognitive decline is reflected with aberrant EEG theta and alpha responses in patients with parkinson's disease dementia and dementia with lewy body disease

Ebru Yıldırım, Tuba Aktürk, Lütfü Hanoğlu, Bahar Güntekin

OC12: Decreased Visual Sensory Evoked Oscillations in Parkinson's Disease Mild Cognitive Impairment

Yağmur Özbek, Ezgi Fide, Derya Durusu Emek Savaş, Bahar Güntekin, Görsev Yener

09.30 – 10.30 Salon 1: Conference 3: Alex Verkhatsky

“Principles of Astroglipathology”

Chair: Prof. Dr. Bayram Yılmaz

10.30 – 11.00 Coffee Break

- 11.00 – 12.30 **Salon 1: Symposium 1:** P2X7, NMDA and Cannabinoid CB1 Receptors in the Experimental Epilepsy Model
Chairs: Prof. Dr. Erdal Ađar & Prof. Dr. Mustafa Ayyıldız
S1.1: Erdal Ađar: The Role of P2X7 Receptors in the Experimental Epilepsy Models
S1.2: Mustafa Ayyıldız: The Role of NMDA Receptor in the Experimental Epilepsy Models
S1.3: Gökhan Arslan: The Role of Cannabinoid CB1 Receptors in the Experimental Epilepsy Models
- 11.00 – 12.30 **Salon 2: Panel 1:** RASopathies: RAS Pathway Diseases
Chair: Kürşat Bora Çarman
Panel 1.1: Banu Anlar: Clinical Picture in two Ras-opathies: Neurofibromatosis type 1 and Tuberous Sclerosis
Panel 1.2: Şükriye Ayter: Molecular Mechanisms of NF1 Clinical Variability
- 12.30 – 13.00 Salon 3: Zeiss Presentation
- 12.30 – 14.00 Poster Communications (PC01-PC23) & Lunch
- 14.00 – 15.30 **Salon 1: Symposium 2:** Metaphor at the Intersection of Neuroscience and Linguistics
Chairs: Prof. Dr. Lütfü Hanođlu & Mustafa Şahap Aksan
S2.1: Lütfü Hanođlu: To Trace the Thought in the Brain; Neuroscience and Metaphor Studies
S2.2: Merve Yamañođlu Dikmen: Abstract Thought Disorder in Alzheimer's and Frontotemporal Dementia: Understanding the Metaphor Language
S2.3: Mehmet Aygüneş: How Cognitive are Metaphors?: An ERP Study
S2.4: Mustafa Şahap Aksan: Conceptual Metaphor Theory: Experience and Embodiment
- 14.00 – 15.30 **Salon 2: Symposium 3:** Biobanking, Molecular Diagnosis and Gene Therapy in Neurodegenerative Diseases
Chairs: Prof. Dr. Esra Battalođlu & Doç. Dr. Nagehan Ersoy Tunalı
S3.1: Sibel Uđur İşeri: Genetic Components of Neurological Disorders
S3.2: Nagehan Ersoy Tunalı: MicroRNA Biomarkers in Neurodegenerative Diseases
S3.3: Esra Battalođlu: Gene Therapy for Neurological Disorders
- 15.30 – 16.00 Coffee Break
- 16.00 – 16.50 **Salon 1: Conference 4:** İ. Hakan Gürvit
“Multimodal Imaging and Intrinsic Connectivity Networks in Neurodegenerative Diseases”
Chairs: Prof. Dr. Gülgün Şengül
- 16.00 – 16.50 **Salon 2: Conference 5:** Pervin Dinçer
“New generation gene therapies: Preclinical and Clinical Applications in Rare Neuromuscular Disorders”
(Health Institutes of Turkey, TÜSEB Conference)
Chairs: Prof. Dr. Ahmet Hacımüftüođlu
- 16.55 – 18.10 **Salon 1: Oral Communications (OC13-OC17)**
Chairs: Prof. Dr. Lütfiye Kanıt & Doç. Dr. Burak Yuluđ
OC13: Research for the Relationship Between Lyme Disease and the Activity of CXCL-13 in Cerebro Spinal Fluid (CSF) of Multiple Sclerosis (MS) Patients
Hayriye Orallar, Şeyda Karabörk, Şule Aydın Türkođlu, Serpil Yıldız
OC14: The relationship between CSF Oligoclonal band positivity and IgG index and Visual Evoked Potential measurements in patients with multiple sclerosis
Sinem Tosun, İlkem Duman, Murat Terzi

OC15: Cognitive processing of relative clauses in Turkish: An ERP investigation

Merve Akyıldız, Serkan Şener, Çiğdem Ulaşoğlu, Mehmet Aygüneş

OC16: The effect of transcranial direct current stimulation on static and dynamic balance in healthy volunteers

Ezgi Tuna Erdoğan, Can Kır, Esin Beycan, Esin Karakaya, Sanem Altınçınar, Türkü Bayramoğlu, Gökçer Eskikurt, Sacit Karamürsel

OC17: Effects of the Menstrual Cycle Phases on Working Memory

Mehmet Alkanat, Hafize Özdemir

16.55 – 18.10 **Salon 2: Oral Communications (OC18-OC22)**

Chairs: Prof. Dr. Selim Kutlu & Prof. Dr. Sinan Canpolat

OC18: Modulation of Hypothalamic Hunger Circuits by a Catecholaminergic Pathway in TH-Cre Transgenic Mice

İltan Aklan, Nilüfer Sayar Atasoy, Yavuz Yavuz, Tayfun Ateş, İlknur Çoban, Gizem Filiz, Fulya Köksalar Alkan, İskalen Cansu Topçu, Merve Öncül, Pelin Dilsiz, Utku Cebecioğlu, Muhammed İkbâl Alp, Bayram Yılmaz, Deniz Atasoy

OC19: Effects of fasting and re-feeding on neuronal activation

Aslı Zengin Türkmen, Asiye Nurten, Mine Ergüven, Emine Bilge

OC20: Role of MCH Neurons on Reward and Appetite Regulation in Pmch-cre Transgenic Mice

Pelin Dilsiz, İltan Aklan, Nilüfer Atasoy, Yavuz Yavuz, Gizem Filiz, Fulya Köksalar, Tayfun Ateş, Merve Öncül, İlknur Çoban, Edanur Ateş Öz, Utku Cebecioğlu, Muhammed İkbâl Alp, Bayram Yılmaz, Deniz Atasoy

OC21: Establishment of an animal model that causes proteinopathic changes in neurons by virus-mediated gene transfer method

Birce Erçelen, Handan Açelya Kapkaç, Elif Polat Çorumlu, Muhittin Arslanyolu, Emel Ulupınar

OC22: Effects of BDNF deficiency and endoplasmic reticulum stress on GABAergic system

Gülây Hacıoğlu, Selma Cırrık, Selcen Abidin, İsmail Abidin

16.55 – 18.10 **Salon 3: Oral Communications (OC23-OC27)**

Chairs: Prof. Dr. Nurcan Dursun & Prof. Dr. Fatih Mehmet Gökçe

OC23: The role of T-type calcium ion channel in the effect of P2X7 receptors on the absence-like epileptic activity in WAG/Rij rats

Elif Şen, Hatice Aygün, Gökhan Arslan, Bahattin Avcı, Mustafa Ayyıldız, Erdal Ağar

OC24: Interaction between caffeine and cannabinoid CB1 receptors in penicillin-induced epileptiform activity

Emre Soner Tiryaki, Gökhan Arslan, Mustafa Ayyıldız, Erdal Ağar

OC25: Effects of basal forebrain stimulation on the distribution of nicotinic acetylcholine receptors with $\alpha 4/\alpha 7$ subunits in the somatosensory and motor cortex of rat brain

Begüm Devlet, Bige Vardar, Batuhan Babür, Burak Güçlü

OC26: Prilocaine Induced Epileptiform Activity and Cardiac Toxicity is Alleviated by Thymoquinone Treatment

Sendegül Yıldırım, Gamze Tanrıöver, Barış Akgül, İlker Öngüç Aycan, Enis Hidişoğlu, Ebru Afşar, Mutay Aslan

OC27: Common Flavonoids in a Single Seizure: Behavioral and Cognitive Aspects

Enver Ahmet Demir, Atakan Ozturk, Okan Tutuk, Hatice Dogan, Cemil Tumer

06 April 2019 Saturday

08.30 – 09.30 Salon 1: Oral Communications (OC28-OC31)

Chairs: Prof. Dr. Ersin Koylu & Prof. Dr. İsmail Abidin

OC28: L-DOPA treatment increases the striatal secretogranin II and alpha-synuclein mRNA expression in MPTP-treated marmosets

Banu Cahide Tel

OC29: The neuroprotective effects of ursodeoxycholic acid (UDCA) on experimental Parkinson model in rats

Mümin Alper Erdoğan, Gürkan Yiğittürk, Oytun Erbaş

OC30: Investigation of the neuroprotective effect of humanin in an in vitro Parkinson's disease model

Şeyhmus Bayar, Şeyma Taşdemir, Buse Kayhan, Aylin Şendemir, Gülgün Şengül

OC31: Identification of drug targets for Parkinson's disease through the integration of transcriptome data into genome-scale metabolic networks

Ali Kaynar, Tunahan Çakır, Işıl Aksan Kurnaz

08.30 – 09.30 Salon 2: Oral Communications (OC32-OC35)

Chairs: Prof. Dr. Süleyman Sandal & Doç. Dr. Gülay Hacıoğlu

OC32: Effect of Different Types of Calorie restriction on circulation miRNAs

Bilge G Tuna, Munevver Burcu Cicekdal, Umit Ozorhan, Isın D Ekici, Emre C. Tuysuz, Aysegul Kuskucu, Omer F. Bayrak, Akif Maharramov, Soner Dogan

OC33: The Effect of Different Fat Containing Diet Exposure in Maternal-Maturation Periods on Oily Taste Perception and Fat Preference in Male Sprague Dawley Offspring Rats

Elif Günalan, Cihan Civan Cıvaş, Cihan Süleyman Erdoğan, Aylin Güven, Bayram Yılmaz, Burcu Gemici Başol

OC34: The effect of selenium on learning and memory and Tau relationship in young rats

Ercan Babur, Burak Tan, Cem Süer, Nurcan Dursun

OC35: The role of glutamate in the neurotoxicity due to exposed to sulfite in the prenatal and / or postnatal period in rats

Güven Akçay, Ceren Kencebay, Betül Danışman, Tuğberk Denizaltı, Çiğdem Gökçek Saraç, Mutay Aslan, Narin Derin

08.30 – 09.30 Salon 3: Oral Communications (OC36-OC39)

Chairs: Prof. Dr. Bahar Güntekin & Prof. Dr. Süleyman Aydın

OC36: The investigation of analgesic efficacy of gasser ganglion radiofrequency thermocoagulation therapy in trigeminal neuralgia

Sibel Özcan

OC37: A new approach in treatment of peripheral nerve injury: Electro-acupuncture stimulation

Özlem Bozkurt Girit, Mahmut Alp Kılıç, Yasemin Özkan, Mehmet Dinçer Bilgin

OC38: Multiple Intracranial Meningioma

Ali Rıza Güvercin, Ali Samet Topsakal

OC39: The evaluation of screw entry points and angles with 3-dimensional reconstruction method to guide the transpedicular screwing technique

Kerem Atalar, Zafer Kutay Coşkun

09.30 – 10.30 Salon 1: Conference 6: Steven Kushner

“Cerebral Cortex Interneuron Myelination: Fundamental Mechanisms and Clinical Implications”

- Chair: Prof. Dr. Emel Ulupınar
- 10.30 – 11.00 Coffee Break
- 11.00 – 12.45 **Salon 1: Symposium 4: Neuroscience-Based Precision Medicine Applications**
Chairs: Prof. Dr. Nevzat Tarhan & Prof. Dr. Muhsin Konuk
S4.1: Nevzat Tarhan: Neuromodulation Treatments
S4.2: Muhsin Konuk: Pharmacogenetics Applications in Neuropsychiatry
S4.3: Türker Tekin Ergüzel: Medical Data Analysis Using Deep Learning Algorithm
S4.4: Barış Metin: The Future of qEEG Biomarkers in Psychiatry
- 11.00 – 12.45 **Salon 2: Symposium 5: “Computational Physiology of the Basal Ganglia and of their Disorders, Anatomical Considerations and Neurosurgical Implications”**
Chairs: Prof. Dr. Görsev Yener & Professor Hagai Bergman
S5.1: Hagai Bergman: Computational Physiology of the Basal Ganglia and of Their Disorders and Therapy
S5.2: Boran Urfalı: Parkinson Disease and Deep Brain Stimulation (DBS)
S5.3: İlkan Tatar: New Insights of the Functional Anatomy of Basal Nuclei Network
- 12.45 – 14.00 Poster Communications (PC24-PC45) & Lunch
- 14.00 – 15.45 **Salon 1: Panel 2: Ion Channels and Current Technology Research Methods**
Chairs: Prof. Dr. Nuhan Puralı & Prof. Dr. Turgut Baştuğ
Panel 2.1: Nuhan Puralı: Mechanosensitif Ion Channels
Panel 2.2: Mehmet Uğur: Working Mechanism of the Ligand gated channel P2X7 Purinoceptor
Panel 2.3: Turgut Baştuğ: Investigation of Ion Channels Using Molecular Modeling Methods
- 14.00 – 15.45 **Salon 2: Symposium 6: A Multi-faceted Approach to a Complex Neurodegenerative Disease: Anatomy, Physiology, Genetics and Biochemistry of ALS**
Chairs: Prof. Dr. Nazlı Başak & Prof. Dr. Meltem Bahçelioğlu
S6.1: Nazlı Başak: The Complex Biology of ALS and G93A Rats as Models of Disease
S6.2: Görkem Özyurt: Comparison of the Inhibitory Circuitries in Healthy People and Patients with ALS
S6.3: Nuray Ulusu: Biochemical and Metabolic Effects of SOD1 Mutation in Amyotrophic Lateral Sclerosis
S6.4: Barış İşak: Trials Study Group- Introduction and Clinical Trials
- 15.45 – 16.00 Coffee Break
- 16.00 – 16.50 **Salon 1: Conference 7: Suzanne Dickson**
“Impact of Circulating Regulators of Energy Balance on the Reward System”
Chairs: Prof. Dr. Gönül Peker & Prof. Dr. Reha Erzurumlu
- 17.00 – 19.30 Excursion
- 20.00 – 23.30 Gala Dinner

07 April 2019 Sunday

- 08.30 – 09.30 **Salon 1: Oral Communications (OC40-OC43)**
Chairs: Prof. Dr. Fatma Töre & Doç. Dr. Sibel Uğur İşeri
OC40: Healing effect of Hericium erinaceus in experimental peripheral neuropathy model
Ramazan Üstün, Mustafa Aden, Elif Kaval Oğuz, Filiz Taşpınar, Ayşe Şeker
OC41: Neuroprotective effect of curcumin in diabetic neuropathy: An FTIR imaging study
Mehmet Melih Pınarbaşı, Özlem Bozkurt Girit, Nagihan Erten, Mehmet Dinçer Bilgin

OC42: Protective effects of sesamol against secondary injury in the rat model of traumatic brain injury
Emine Arık, Habibullah Dolgun, Çağhan Töngen, Çiğdem Fidan, Erdiç Devrim, Banu Coşkun
Yılmaz, Gülşen Bayrak, Bora Gürer

OC43: Effects of the endocrine disrupting chemicals on the trace element and mineral levels in the brain
Duygu Aydemir, Gözde Karabulut, Gülsu Şimşek, Müslüm Gök, Nurhayat Barlas, Nuriye Nuray Uluşu

08.30 – 09.30 **Salon 2: Oral Communications (OC44-OC47)**

Chairs: Prof. Dr. Mehmet Uğur & Doç. Dr. Tunahan Çakır

OC44: A computational model for investigating the role of nitric oxide due to activation of glia cells during long term potentiation

Onur Alptürk, Neslihan Serap Şengör

OC45: The GG4 (GXXXG) motif difference between TRPA1 and TRPM7 ion channels

Süleyman Aydın, Ayça Çakmak

OC46: Simulation of Morphologically and Biophysically Realistic Single Nerve Cells Using User-Friendly Software

Zübeyir Özcan, İlknur Kayıkçıoğlu, Ömer Yıldırım, Cemal Köse, Temel Kayıkçıoğlu

OC47: Development of Accurate Brain Computer Interface Using Cortical Source Space

Mustafa Yazıcı, Mustafa Ulutaş, Mukadder Okuyan

08.30 – 09.30 **Salon 3: Oral Communications (OC48-OC51)**

Chairs: Prof. Dr. Esat Adıgüzel & Doç. Dr. Mukadder Okuyan

OC48: On the Human Vomeronasal Organ: A Preliminary Study of Radiology and Bioinformatics

Arif Kamil Salihoğlu, Serbüent Ünsal, Cemal Aydoğan, Merve Celep, Aykut Teymur, Ahmet Sarı, Ahmet Ayar

OC49: Connections and drainage of meningeal lymphatic system: A new target to study pathogenesis of neurodegenerative diseases

Erkan Kılınç, Francesco Mattia Noè, Fatma Töre, Rashid Giniatullin

OC50: The effect of intravitreal mesenchymal stem cell and tamoxifen applications on intraocular pressure and VEP in diabetic rats

Sevil Kestane, Bekir Çoksevim

OC51: Role of cytokines in the antidepressant-like effect of dipyrone using chronic unpredictable mild stress model

Olçay Kiroğlu, Fatih Berktaş, Erkan Maytalman, Fazilet Aksu

09.30 – 10.00 Coffee Break

10.00 – 12.00 **Salon 1: Symposium 7: “H2020 Project AUTOIGG Showcase: Building an Inovative Medical Device Through Networking”**

Chairs: Professor Pavle Andjus & Dr. Bilal Kerman

S7.1: Srdjan D. Antic: “Spontaneous Electrical Activity of Developing Neurons in the Cerebral Cortex”

S7.2: Pavle Andjus: “Automated Functional Screening of IgGs for Diagnostics of Neurodegenerative Diseases”

S7.3: Bilal Kerman: Computer Assisted Methods for Classification and Analysis of Neuroglial Structures

10.00 – 12.00 **Salon 2: Symposium 8: Future Projections in Treatment of Neurological Diseases (Turkish Neurology Society Symposium)**

Chairs: Prof. Dr. Yasemin Gürsoy & Prof. Dr. Müge Yemişçi Özkan

S8.1: Müge Yemişçi: The Never-Ending Fire of Stroke: Inflammation

S8.2: Hülya Karataş-Kurşun: Lipoxigenase Inhibitors in Ischemic and Hemorrhagic Stroke

S8.3: Burak Yuluğ: Recent Translational Approaches To Biomarker and Neuroimaging in the Diagnosis of Alzheimer's Disease

S8.4: Şeyda Çankaya: New Neuroprotective Treatment Approaches in Alzheimer's Disease in the Light of Experimental and Clinical Studies

12.00 – 13.00 Poster Communications (PC46-PC68) & Lunch

13.00 – 14.30 **Salon 1: Symposium 9:** Neuro-Glial Interactions in Nervous System Development

Chairs: Prof. Dr. Işıl Aksan Kurnaz & Professor Angela Giangrande

S9.1: Angela Giangrande: The Connection Between Nervous and Immune System in *Drosophila melanogaster*

S9.2: Işıl Aksan Kurnaz: PEA3 Proteins in Neuroglial Circuitry?

S9.3: Başak Kandemir: The Role of PEA3 Proteins in Neurons

13.00 – 14.30 **Salon 2: Panel 3:** Microcirculation in Neurological Diseases

Chairs: Prof. Dr. Ertuğrul Kılıç & Prof. Dr. Yasemin Gürsoy

Panel 3.1: Yasemin Gürsoy-Özdemir: Effects of Hypertension and Diabetes on Brain Microcirculation

Panel 3.2: Şefik Evren Erdener: Dynamic Microcirculatory Problems in Ischemic Penumbra

Panel 3.3: Emine Şekerdağ: The Role of Pericytes in the Pathophysiology of Multiple Sclerosis

14.30 – 14.45 Coffee Break

13.45 – 15.35 Salon 1: **Conference 8:**

Mimoun Azzouz: “Translating Neurodegeneration: Modeling, Mechanisms and Gene-Based Therapeutics”

Chair: Prof. Dr. Gürkan Öztürk

15.35 – 16.00 Salon 1: Presentation of Awards & Closing Ceremony

Chairs: Prof. Dr. Bayram Yılmaz & Prof. Dr. Ahmet Ayar