4th International Congress of Turkish Neuroendocrinology Society | ISTANBUL

Abstract Submission Deadline
20 October 2020
Dear Colleagues,

We are pleased to welcome you to the 4th International Congress of Turkish Neuroendocrinology Society (4th TNED Congress) that will be organized online between 26-28 November 2020. The 4th TNED Congress was initially planned to be held at Yeditepe University in Istanbul (Turkey) between 10–12th April 2020. However, the meeting was postponed in view of the Coronavirus disease (COVID-19) outbreak. Since the pandemic continued over the summer, the Congress Organizing Committee decided to hold the meeting online on 26-28 November 2020.

There will be a workshop (jointly organized with the International Neuroendocrine Federation) on methods in neuroendocrinology research on 26th November (Thursday) and the opening session and conference will be held on the evening of the same day.

This international meeting is organized to celebrate the 12th anniversary of the Turkish Neuroendocrinology Society. We aim to prepare a stimulating scientific program and attract participants from several national and international institutions. The scientific program includes keynote lectures, symposia, oral and poster sessions in all aspects of neuroendocrinology. Invited speakers include Professors Robert Millar, Stafford Lightman, Kevin O’Byrne, Alex Verkhratsky, William Colledge, Fahrettin Keleştemur, John Speakman, Ali Kemal Topaloğlu, Mike Ludwig and Emre Yakşi. A friendly online environment is expected to promote fruitful discussions and networking among colleagues and early career scientists.

Abstracts have been peer-reviewed by the scientific board and will be published in an Abstract Book. In addition, the abstracts of all conferences, symposia, oral and poster presentations will be published in a supplement issue of the Neuroendocrinology after the meeting.

We very much hope that all colleagues and their families remain safe during the COVID-19 pandemic and life returns to normal soon. We look forward to seeing you joining us for this exciting scientific event later in November 2020.

Congress Chairs
Prof. Dr. Bayram Yılmaz (Chair of the Organizing Committee, Yeditepe University)
Prof. Dr. Ahmet Ayar (President, Turkish Neuroendocrinology Society)
Organizing Committee

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Prof. Dr. Uğur Türe
Prof. Dr. Alex Verkhratsky
Prof. Dr. Tim Wells
Prof. Dr. Emre Yakşı
Prof. Dr. Bayram Yılmaz
Prof. Dr. Robert Zorec
SCIENTIFIC PROGRAM

26th November, Thursday

Workshop I
Chair: Prof. Dr. Bayram Yılmaz
11:45 - 12:00 Welcome & Workshop Opening
12:00 - 12:30 Robert Millar
Publishing in Neuroendocrinology
12:30 - 13:00 Mike Ludwig
Matters of Credibility
13:00 - 13:15 Refreshment Break

Workshop II
Chair: Prof. Dr. Gürkan Öztürk
13:15 - 13:45 Emre Yakşi
Measuring Brain Activity Using Imaging Methods
13:45 - 14:25 Alp Can
Advanced Microscopy Techniques in Neuroimaging
14:25 - 14:55 Ahmet Ayar
Fluorescence Calcium Imaging: A Powerful Research Tool for Biomedical Science
14:55 - 15:05 Zeiss Exhibition: Artificial Intelligence Sample Finder
15:05 - 15:15 Refreshment Break

Workshop III
Chair: Prof. Dr. Erkut Attar
15:15 - 15:45 Kevin O'Byrne
GnRH Pulse Generator
15:45 - 16:15 Margaritis Voliotis
Mathematical Modelling in Neuroscience & Neuroendocrinology
16:15 - 16:45 Aylin Yaba Uçar
Animal Models for Studying Polycystic Ovary Syndrome (PCOS) & Premature Ovarian Insufficiency (POI)
16:45 - 17:00 Refreshment Break
17:00 - 17:20 Congress Opening Session
Prof. Dr. Bayram Yılmaz (Congress Chair)
Prof. Dr. Ahmet Ayar (President, Turkish Neuroendocrinology Society)
Prof. Dr. Robert Millar (Past President, International Neuroendocrine Federation)
Prof. Dr. Canan Aykut Bingöl (Rector, Yeditepe University)
17:20 - 18:05 Conference 1: Stafford Lightman
The Importance of Hormone Dynamics
27th November, Friday
11:30 - 12:30 Poster Communications – I (PC01-PC12) (Virtual Hall A)
   Chair: Prof. Dr. Feyza Arıçioğlu
11:30 - 12:30 Poster Communications – II (PC13-PC23) (Virtual Hall B)
   Chair: Prof. Dr. Mete Özcan
12:30 - 12:45 Refreshment Break
12:45 - 14:45 Oral Communications – III (OC13-OC20) (Virtual Hall A)
   Chairs: Assoc. Prof. Arzu Aral & Prof. Dr. Ramis Çolak
12:45 - 14:45 Oral Communications – IV (OC21-OC28) (Virtual Hall B)
   Chair: Prof. Dr. Gülgün Şengül
14:45 - 15:00 Refreshment Break
15:00 - 15:45 Conference 2: Alex Verkhratsky
   Astroglia in Neuropsychiatric Disorders
   Chair: Prof. Dr. Müge Yemişçi Özkan
15:45 - 16:30 Conference 3: Fahrettin Keleştemur
   Pituitary Dysfunction due to Sport-Related Head Injury
   Chair: Prof. Dr. Muzaffer Şeker
16:30 – 16:45 Refreshment Break
16:45 – 17:25 Conference 4: Emre Yakşı
   Interactions between Sensory and Limbic Networks Drive State Transitions of Habenular Activity
   Chair: Prof. Dr. Ahmet Ayar
17:25 – 18:05 Conference 5: Robert Millar
   Rescuing Function of Inactivating Mutations in Human GPCRs
   Chair: Prof. Dr. Kevin O’Byrne
18:05 - 18:20 Refreshment Break
18:20 - 19:05 Conference 6: William Colledge
   Kiss1 Neurons as Hypothalamic Regulators of the Mammalian Reproductive Axis:
   Insights from Circuitry Mapping and Transcriptomics Profiling
Chair: Prof. Dr. Vincent Prevot
19:05 – 19:50  Conference 7: Ali Kemal Topaloğlu
What Starts Puberty? An Epigenetics Explanation: KMT2D

28th November, Saturday
11:30 - 13:30  Oral Communications – V (OC29-OC36) (Virtual Hall A)
Chairs: Prof. Dr. Ercan Kurar & Prof. Dr. Selim Kutlu
11:30 - 13:30  Oral Communications – VI (OC37-OC44) (Virtual Hall B)
Chairs: Prof. Dr. Ertuğrul Kılıç & Prof. Dr. Hakan Parlakpınar
13:30 - 13:45  Refreshment Break
13:45 - 14:30  Conference 8: Mike Ludwig
Exploring Novel Neuronal Pathways from the Retina to the SCN using Transgenic Rat Models and Viral Transfection Systems
Chair: Prof. Dr. Gareth Leng
14:30 - 15.30  Poster Communications – III (PC24-PC34) (Virtual Hall A)
Chair: Assoc. Prof. Soner Doğan
14:30 - 15.30  Poster Communications – IV (PC35-PC45) (Virtual Hall B)
Chair: Assoc. Prof. Aylin Yaba Uçar
15:30 - 15:45  Refreshment Break
15:45 – 16:30  Conference 9: John Speakman
Effects of Graded Caloric Restriction
Chair: Prof. Dr. Abdullah Bereket
16:30 - 17:30  Symposium I: Ghrelin: Leaving Food Intake
Suzanne Dickson: Ghrelin and Reward
Tim Wells: Ghrelin: Harmonizing Rhythms with Feeding Patterns
Chairs: Prof. Dr. Haluk Keleştimur & Prof. Dr. Tim Wells
17:30 – 17:45  Refreshment Break
17:45 - 18:45  Symposium II: Ghrelin: Returning to Food Intake
Jeffrey S Davies: Rejuvenating the Adult Mammalian Brain – ‘Ghrelin’ Links Calorie Restriction with Hippocampal Neurogenesis
Yuxiang Sun: Ghrelin Receptor on Metabolic Health and Cognitive Function in Aging
Chair: Prof. Dr. Suzanne Dickson
18:45 – 19:15  Presentation of Awards and Closing Session
Chair: Prof. Dr. Bayram Yılmaz