

Turkish Physiological Sciences Society
50th National Physiology Congress
12-16th November 2025
Congress Venue: Belek Beach Resort Hotel Convention Center, Antalya/Türkiye

12th November Wednesday		13th November Thursday		14th November Friday		15th November Saturday			16th November Sunday
		08.30-10.00	Panel (Halls A, B, C)	08.30-10.15	Oral Communications-2 (Halls A, B, C)	08.30-10.30	Panel/Symposium (Halls A, B, C)	08.30-10.15	Oral Communications-3 (Halls A, B, C)
		10.00-10.30-	Coffee Break	10.15-10.45-	Coffee Break	10.30-11.00-	Coffee Break	10.15-10.45	Coffee Break
		10.30-11.30	Respect & Memorial Session (Hall A)	10.45-12.15	Panel (Halls A, B, C)	11.00-12.00	Conference (Hall A) Tobias Wang	10.45-12.00	Closing Session (Hall A)
		11.30-12.15	The Quality Journey during Education of Medical Physiology Residency: 2025 Accreditation Certificate Ceremony (Hall A)						
10.00-15.00	Registration	12.15-13.30	Lunch & Poster Session	12.15-13.30	Lunch & Poster Session	12.00-13.30	Lunch & Poster Session		
15.00-15.30	Opening Ceremony (Hall A)								

15.30-17.15	Oral Communications-1 (Halls A, B, C)	13.30-14.30	Conference (Hall A) Nuri F. İnce	13.30-14.30	Conference (Hall A) Gero Miesenboeck	13.30-15.00	Panel /Symposium (Halls A, B, C)		
17.45-18.00	Coffee Break	14.30-19.00	Social Program	14.30-15.30	TFBD Assembly Meeting (Hall A)	15.00-15.30	Coffee Break		
18.00-19.00	Conference (Hall A) Özgün Gökçe			15.30-19.00	Social Program	15.30-16.30	Conference (Hall A) Lora Heissler		
19.00-20.00	Welcome Reception					16.30-18.00	Social Program		

12th November 2025 Wednesday	
10.00-15.00	Registration
15.00-15.30	Opening Ceremony (Hall A)
15.30-17.15	Oral Communications-1 (Halls A, B, C) Hall A, OC1-OC7: Chairs: Dr. Cahit Bağcı & Dr. Emine Kaçar Hall B, OC8-OC14: Chairs: Dr. Mehtap Kaçar & Dr. Şeref Erdoğan Hall C, OC15-OC21: Chairs: Dr. Ayhan Bozkurt & Dr. Nevzat Kahveci
17.45-18.00	Coffee Break
18.00-19.00	Conference (Hall A) Single-Cell and Spatial Transcriptomics Reveal Drivers of Brain Aging and Neurodegeneration Dr. Özgün Gökçe Chair: Dr. Erdal Ağar
19.00-20.00	Welcome Reception

13th November 2025 Thursday

Panels

Hall A: Investigation of the Human Brain Physiology by Means of Electrophysiology and Functional Imaging Methods

Chair: Dr. Mehmet Kaya

Dr. Sacit KARAMÜRSEL

Dr. Tamer DEMİRALP

Dr. Ulaş AY

Dr. Emre HARI

Hall B: Utilizing Active Learning Methods and Artificial Intelligence in Physiology Education

Chair: Dr. Mustafa Gül

Dr. Selma Arzu Vardar

Dr. Mustafa Kemal Alimoğlu

Dr. Oktay Kaya

Dr. Ethem Gelir

Hall C: Clinical Practice Areas of Physiology

Chair: Dr. Neyhan Ergene

Dr. Aslı Nur Bahar

Dr. Burak Kayabaşı

Dr. Enver Arslan

Dr. Hilmiye Pakyürek

08.30-10.00

10.00-10.30-	Coffee Break
10.30-11.30	Respect & Memorial Session (Hall A)
11.30-12.15	The Quality Journey during Education of Medical Physiology Residency: 2025 Accreditation Certificate Ceremony (Hall A)
12.15-13.30	Lunch & Poster Session PC1-PC16 Chairs: Dr. Hale Sayan Özaçmak & Dr. Emine Kılıç Toprak PC17-PC32 Chairs: Dr. Fatma Töre & Dr. İnci Turan
13.30-14.30	Conference (Hall A) Oscillatory Neural Biomarkers to Advance Neurosurgery and Neuromodulation in Refractory Parkinson Disease and Epilepsy Dr. Nuri F. İnce Chair: Dr. Sacit Karamürsel
14.30-19.00	Social Program

14th November 2025 Friday

08.30-10.15

Oral Communications-2

(Halls A, B, C)

Hall A, OC23-OC29: Chairs: Dr. Ayşen Erdem & Dr. Özgür Kasımay Berköz

Hall B, OC30-OC36 : Chairs: Dr. Cemil Tümer & Dr. Nurettin Aydoğdu

Hall C, OC37-OC43: Chairs: Dr. Sinan Canpolat & Dr. Gülderen Şahin

10.15-10.45-

Coffee Break

10.45-12.15

Panels

Hall A: Functional Roles of Neurovascular Unit Components in Neurodegenerative Diseases

Chair: Dr. Sibel Dinçer

Dr. Mehmet Kaya

Dr. Ertuğrul Kılıç

Dr. Yasemin Gürsoy Özdemir

Hall B: Thyroid Hormones and Cognitive Functions: From Molecular Mechanisms to Electrophysiological Assessment

Chair: Dr. Selma Arzu Vardar

Dr. Nazan DOLU

Dr. Ali Yücel KARA

Dr. Gülbahar BÖYÜK ÖZCAN

	<u>Hall C: Artificial Intelligence in Academia: From Fundamentals to Ethical and Practical Implications</u> Chair: Dr. Ethem Gelir Dr. Tunahan Anber Dr. Hasan Akça Dr. Arif Kamil Salihoğlu
12.15-13.30	Lunch & Poster Session PC33-PC48 Chairs: Dr. Erkan Kılıç & Dr. Özden Kutlay PC49-PC60 Chairs: Dr. Berna Karakoyun & Dr. Sevil Arabacı Tamer
13.30-14.30	Conference (Hall A) Mitochondrial Origins of the Pressure to Sleep Dr. Gero Miesenboeck Chair: Dr. Bayram Yılmaz
14.30-15.30	TFBD Assembly Meeting (Hall A)
15.30-19.00	Social Program

15th November 2025 Saturday

Panel/Symposium

Hall A: Reproductive Physiology

Chair: Dr. Melek Bor Küçükataş

Dr. Aylin Yaba Uçar

Dr. Sinan Canpolat

Dr. Şeref Erdoğan

Hall B: Multidisciplinary Approach in Cancer Treatment

Chair: Dr. Ersin Koylu

Dr. Özgür Kasımay

Dr. Beste Melek Atasoy

Dr. Aslı Nur Bahar

Hall C: Mitochondrial transplantation and Transfer: A new approach to the treatment of diseases "From methods to mechanisms"

Chair: Dr. Ahmet Ergün

Dr. Gökhan Burçin Kubat

Dr. Erkan Tuncay

Dr. İbrahim Türkel

08.30-10.30

	Dr. Öner Ülger
10.30-11.00	Coffee Break
11.00-12.00	Conference (Hall A) The power of Comparative Integrative Physiology Dr. Tobias Wang Chair: Dr. Ertuğrul Kılıç
12.00-13.30	Lunch & Poster Session PC61-PC78 Chairs: Dr. Selim Kutlu & Dr. Özlem Özsoy PC79-PC95 Chairs: Dr. Sema Tülay Köz & Dr. Arzu Şahin Berberoğlu
13.30-15.00	Panel/Symposium <u>Hall A:</u> Electrooculography: Physiological Mechanisms and Diagnostic Perspectives in Dynamic and Sensory Recording Paradigms Chair: Dr. Tamer Demiralp Dr. Kadriye Yağmur ORUÇ Dr. Aykut ORUÇ Dr. Hakkı Oktay SEYMEN <u>Hall B:</u> The Lifestyle Medicine: A Journey from Student Training to Clinical Research Chair: Dr. Vural Küçükataş Dr. Mehtap KAÇAR Dr. Meltem Yalçın Oğuz Dr. Burçin Tuvana Us
15.00-15.30	Coffee Break
15.30-16.30	Conference (Hall A) New insights in the brain control of obesity and type 2 diabetes

	Dr. Lora Heissler Chair: Dr. Numan Ermutlu
16.30-18.00	Social Program
19.30-23.00	Gala Dinner

	16th November 2025 Sunday
08.30-10.15	Oral Communications-3 (Halls A, B, C) Hall A, OC44-OC50: Chairs: Dr. Nazan Dolu & Dr. Gül İlbay Hall B, OC51-OC57: Chairs: Dr. Bilge Pehlivanoğlu & Dr. Songül Doğanay Hall C, OC58-OC65: Chairs: Dr. Hakkı Oktay Seymen & Prof.Dr. Mehmet Yalçın Günal
10.15-10.45	Coffee Break
10.45-12.00	Closing Session (Hall A)