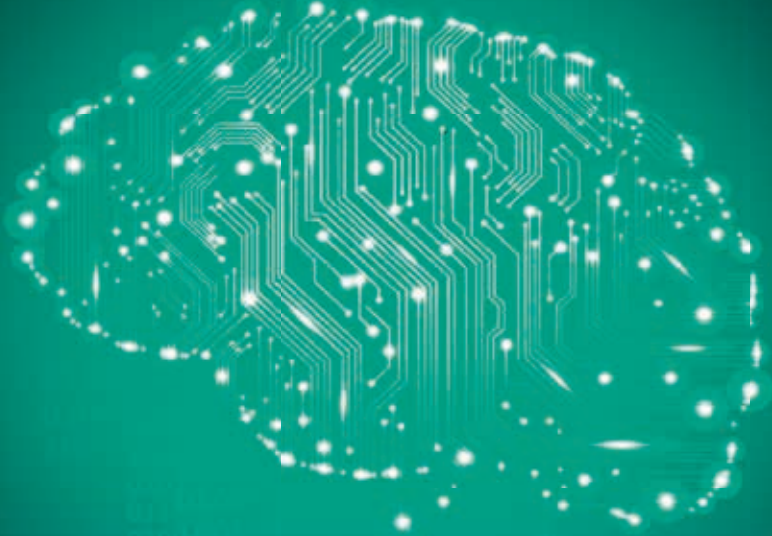




3rd CLINICAL NEUROSCIENCE COURSE



“Neuromodulation”

The rising trend in treating nervous system disorders

OCTOBER 19-22, 2017

Anemon Hotel, Samsun, Turkey



3rd CLINICAL NEUROSCIENCE COURSE

“Neuromodulation” The rising trend in treating nervous system disorders

Invitation letter

Dear colleagues and friends,

It is a great pleasure to invite you to the **3rd Clinical Neurosciences Course**, which will be held in Samsun, Turkey, on 19-22 October 2017. The topic of this Course is **“Neuromodulation: the rising trend in treating nervous system disorders.”** This course is organized by the Ondokuz Mayıs University, Maastricht University and European Graduate School of Neuroscience.

Due to advances in healthcare, we are all living longer. One major side-effect of this phenomenon is the increase of the prevalence of nervous system disorders. In this respect the World Health Organization is expecting that more people will suffer from Neurodegenerative diseases such as Parkinson's disease, but also from Neurosensory disorders, including incontinence and pain.

Unfortunately, drug discovery approaches have thus far not yielded the breakthroughs that the field was waiting for. Developments in the field of Neuromodulation are promising and have the potential to provide answers to these demographic changes.

Another area of Clinical Neuroscience where neuromodulation is playing an increasingly important role is the field of psychiatric disorders. Deep brain stimulation for patients with severe Tourette's syndrome and Obsessive-Compulsive Disorder results in significant improvements of quality of lives of patients. For other psychiatric disorders, the role of Neuromodulation is unclear. Several novel concepts are being developed in the field of Neuromodulation, ranging from adaptive systems, smarter and user-friendly hardware and software programming options, to modulation of microcircuits by light and nanoparticles.

In this Course, most relevant developments in the field of Neuromodulation for Neurological, Psychiatric and Neurosensory disorders will be discussed. This will be combined by highlighting promising new experimental approaches. We look forward to host you in Samsun in October 2017.

Sincerely



Ersoy Kocabiçak, MD PhD
Course Director



Yasin Temel, MD PhD
Course Director



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October 19, 2017

Day 1

- 13.30 - 19.30 Registration
19.30 - 21.30 Opening ceremony

October 20, 2017

Day 2

- 08.00 - 08.30 Registration
08.30 - 08.50 Opening by the organizers
08.50 - 09.00 Welcome message

Yasin Temel, Ersoy Kocabiçak
President of TNS
Sait Bilgiç, Rector of OMU

Neuromodulation in Neurology

Chairmen: Cenk Akbostancı, Selçuk Peker

- 09.00 - 09.30 Deep brain stimulation in Parkinson's disease: What happened in the last two years?
09.30 - 10.00 Deep brain stimulation for tremor: What happened in the last two years?
10.00 - 10.30 Deep brain stimulation for dystonia: What happened in the last two years?

Elena Moro
Ali Savaş
Joachim Krauss

10.30 - 11.00 Coffee break

Chairmen: Yasin Temel, Ersoy Kocabiçak

- 11.00 - 11.30 Deep brain stimulation for epilepsy: What happened in the last two years?
11.30 - 12.00 Interactive discussion: Speakers vs participants

Linda Ackermans

12.00 - 13.00 Lunch break

13.00 - 13.30 Visit of posters and exhibition

Neuromodulation in Psychiatry

Chairmen: Bülent Elibol, Sertaç İşlekel

- 13.30 - 14.00 Deep brain stimulation for Tourette Syndrome: The current state
14.00 - 14.30 Deep brain stimulation for Obsessive Compulsive Disorder: The current state
14.30 - 15.00 Deep brain stimulation for other psychiatric disorders
15.00 - 15.30 Interactive discussion: Speakers vs participants

Linda Ackermans
Bart Nuttin
Yasin Temel

15.30 - 16.00 Coffee break & Visit of posters and exhibition

Chairmen: Murat Terzi, Mehmet Töngce

- 16.00 - 16.30 Photo show and conversation

Bekir Tuğcu

Chairmen: Şükrü Aykol, Musa Onar, Hakan Ekmekçi

16.30 - 17.30 Oral Presentations





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October 21, 2017

Day 3

Neuromodulation for pain, spasticity and incontinence

Chairmen: Ahmet Bekar, Ersin Erdoğan, Fuat GÜLDOĞUŞ

09.00 - 09.20	Spinal cord stimulation and peripheral stimulation for pain: Algological approach	Süleyman Özyalçın
09.20 - 09.40	Spinal cord stimulation and peripheral stimulation for pain: Neurosurgical approach	Sabri Aydın
09.40 - 10.10	Cranial neuromodulation of the pain	Tipu Aziz
10.10 - 10.30	Sacral neuromodulation for urinary incontinence	Cenk Bilen

10.30 - 11.00 Coffee break & Visit of posters and exhibition

Chairmen: Süleyman Özyalçın, Feridun Acar

11.00 - 11.30	Neuromodulation for spasticity	Tanju Uçar
11.30 - 12.00	Interactive discussion: Speakers vs participants	

12.00 - 13.00 Lunch break

13.00 - 13.30 Visit of posters and exhibition

Trends in neuromodulation

Chairmen: Raif Çakmur, Okan Doğu, Haşmet Hanağası

13.30 - 14.00	Closed loop deep brain stimulation	Tipu Aziz
14.00 - 14.30	Light-based neuromodulation: Optogenetics	Ali Jahanshahi
14.30 - 15.00	Nanoparticle based neuromodulation: Magneto-thermal modulation	Sarah Heschem

15.00 - 15.30 Coffee break

Conference

Chairmen: Ömer İyigün, Ali Haydar Taşdemir

15.30 - 16.30	Social Conference	Talat Kırış
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Chairmen: Dursun Aygün, Bekir Tuğcu

16.30 - 17.30 Oral Presentations





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October 22, 2017

Day 4

Some tips and tricks for DBS in movement disorders: A short reminder

Chairmen: *Ali Zırh, Ayşe Bora Tokçaer, Binnur Sarihasan*

- 09.00 - 09.30 How do I decide about a suitable patient?
09.30 - 10.00 How do I plan and perform?
10.00 - 10.40 How do I programme in the postoperative stage?
10.40 - 11.00 Interactive discussion: Speakers vs participants

Sibel Ertan
Ersoy Kocabiçak
Cenk Akbostancı, Dilek Günel

11.00 - 11.30 Coffee break

An overview for the usage of experimental studies in the neuromodulation

Chairmen: *Hüseyin Şahin, Aykan Ulus*

- 11.30 - 12.00 How do I design and perform experimental DBS study?
12.00 - 12.30 How do I write the manuscript in the end? Which journal should I prefer?

Ali Jahanshahi, Sarah Heschem
Yasin Temel

Chairmen: *Yasin Temel, Ersoy Kocabiçak*

- 12.30 - 13.00 Interactive discussion: Speakers vs participants

13.00 Closing remarks



ORGANIZATION SECRETARIAT



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