International Joint Israel-Greek Neuroimmunological Meeting

September 27-30, 2018
Grand Arsenal-Chania, Greece

Organized by
the Israel Society (ISNI)
and Greek Academy of Neuroimmunology (HELANI)
with participation
of the Italian and Turkish Societies of Neuroimmunology

Scientific Program
Welcome Message

Dear Colleagues, Scientists and Friends,

On Behalf of the Hellenic Academy of Neuroimmunology I extend a warm welcome to all the participants of the International Joint Israel-Greek Neuroimmunological Meeting here in Chania. The organising committee has invited distinguished experts to share their ideas and experience with us.

All topics of the meeting have been specifically selected with the objective of providing participants an update on the recent advances in clinical and experimental neuroimmunology and their implications in daily practice and patient care.

We look forward to your active participation and we wish you to enjoy your stay in Greece.

Thank you for your participation.

Ioannis Heliopoulos
Professor of Neurology, Democritus University of Thrace,
President of the Hellenic Academy of Neuroimmunology
Welcome Message

It is our tradition in Neuroimmunology Society to collaborate and communicate our research with our colleagues abroad, for the benefit of all sides. This tradition has been kept over many years, and led to the development of strong ties with many countries, but especially with the Greek and the Italian and Turkish societies, which, together with ours, are among the oldest in the world. Following the success of the previous common meetings we are proud to invite you to the forthcoming congress of the Israeli Society of Neuroimmunology, co-organised with the Greek Academy of Neuroimmunology and with participation of the Italian and Turkish societies, in Chania, Crete, Greece, between the 27th to the 30th of September, 2018.

The program will focus on updates in Neuroimmunology and Multiple sclerosis and will include several invited lecturers, among them: Prof. Mark Freedman from Canada, Prof. Amit Bar Or from USA and Prof. Ludwig Kappos from Switzerland.

According to our tradition, we intend to combine science at the highest level with spiritual aspects, and exploring the Cretan heritage of the area and enjoyment in the “Greek way”.

Prof. Dimitrios Karussis
President of the meeting,
on behalf of the Israeli Society of Neuroimmunology
CONFERENCE CHAIRS
Prof. Dimitrios Karussis
President of the Israel Society of Neuroimmunology (ISNI), Hadassah-Hebrew University, Jerusalem, Israel
Prof. Ioannis Heliopoulos
President of the Hellenic Academy of Neuroimmunology (HELANI), University of Thrace, Alexandroupolis, Greece

LOCAL ORGANIZERS:
Domna Karagogeos, Heraklion, Greece
George Georgakakis, Chania, Greece

ORGANIZING COMMITTEE
President: I. Heliopoulos

SCIENTIFIC COMMITTEE
George Georgakakis, Chania, Greece
Domna Karagogeos, Heraklion, Greece
Nikolaos Grigoriadis, Thessaloniki, Greece
Lesley Probert, Athens, Greece
Ariel Miller, Haifa, Israel
Alon Monsonego, Beer-Sheva, Israel
Joab Chapman, Tel Aviv, Israel
Anat Achiron, Tel Aviv, Israel
Ron Milo, Ashkelon, Israel
Arnon Karni, Tel Aviv, Israel
Adi Vaknin-Dembinsky, Jerusalem, Israel
Eti Ganelin, Tel Aviv, Israel
Mark Helman, Tel Aviv, Israel
Scientific Program

Thursday 27/09/2018

19:00-19:45  Arrivals - Get together - Registration

19:45-20:00  Opening remarks

Dimitrios Karussis
President of the Israeli Society of Neuroimmunology

Ioannis Heliopoulos
President of Hellenic Academy of Neuroimmunology

Nikolaos Grigoriadis
President of Hellenic Neurological Society

George Georgakakis
Clinical Director of Neurology, Chania General Hospital

Domna Karagogeos
Professor of Molecular Biology, University of Crete Medical School

20:00-21:00  SPECIAL Opening lecture
Chairpersons: Nikolaos Grigoriadis, Dimitrios Karussis
The immune system checkpoints and implications for future immunotherapies and neuroprotection
Michal Schwarz (Israel)

21:00  Welcome dinner
Friday 28/09/2018

08:50-10:50 **Session 1**

**General Neuroimmunology—“New” Neuroimmunological diseases**

Chairpersons: **Joab Chapman, Alexandros Papadimitriou**

08:50-09:10 Neuroimmunology of Alzheimer’s disease

**Joab Chapman (Israel)**

09:10-09:30 Stroke immunology and immunotherapy

**Theodoros Karapanayiotides (Greece)**

09:30-09:50 Autoimmunity in neurodegenerative diseases

**Georgia Xiromerisiou (Greece)**

09:50-10:10 Behcet disease and other rare types of CNS demyelinating diseases

**Ayse Altintas (Turkey)**

10:10-10:30 Systemic and overlapping autoimmune syndromes with neurological presentations and their management

**Rana Karabudak (Turkey)**

10:30-10:50 Immune intervention in PRION disease animal model

**Theodoros Sklaviadis (Greece)**

10:50-11:20 **Coffee break - Poster session 1**
**Scientific Program**

**Friday 28/09/2018**

**11:20-13:00 Session 2**

Chairpersons: Konstantinos Michaelides, Marios Pantzaris

11:20-11:40 Axoglial adhesion complexes in health and demyelinating pathologies

*Domna Karagogeos (Greece)*

11:40-12:00 An overview of autoimmune encephalitis and its management

*Dimitrios Kitsos (Greece)*

12:00-12:20 Neurophysiology and neuronal connectivity in neuroimmune diseases

*Vasilios Kimiskidis (Greece)*

12:20-12:40 Paraneoplastic neurological syndromes: pathophysiology, clinical and serological accompaniments

*Anastasia Zekeridou (Greece)*

12:40-13:00 Genetics of MS

*George Hadjigeorgiou (Greece)*

**13:00-14:00 Lunch break - Poster session 2**
Scientific Program

Friday 28/09/2018

14:00-15:45 **Session 3**

Stem cells in Neuroimmunology: What is their place? What have we learned in the last decade?
Chairpersons: **Mark Freedman, Dimitrios Karussis**

14:00-14:20 Adult stem cells in MS
**Nicole Kerlero de Rosbo** *(Italy)*

14:20-14:40 Mesenchymal stem cells in ALS and MS: update of the Hadassah clinical trials
**Dimitrios Karussis** *(Israel)*

14:40-15:00 Modified and neutralised mesenchymal stem cells
**Ibrahim Kassis** *(Israel)*

15:00-15:20 Hematopoietic stem cells for the treatment of Multiple Sclerosis: The Canadian experience
**Mark Freedman** *(Canada)*

15:20-15:45 Comments and discussion on the future of stem cells in neuroimmune and neurodegenerative diseases
**Mark Freedman** *(Canada), Dimitrios Karussis** *(Israel)*
Scientific Program

Friday 28/09/2018

15:45-17:00  **Session 4**
Invited lecture and Selected short presentations
Chairpersons: Nathan Karin, Sygkliti-Henrietta Pelidou

15:45-16:00  CCR8+FOX3+ regulatory T cells as master drivers of immune regulation at the CNS
Nathan Karin  (*Israel*)

16:00-16:10  Rituximab in Myasthenia Gravis
Vasiliki Zouvelou  (*Greece*)

16:10-16:20  MG and systemic sarcoidosis
Konstantinos Natsis  (*Greece*)

16:20-16:30  CIDP therapy with Rituximab
Thomai Stardeli  (*Greece*)

16:30-16:40  Infections besides PML, with monoclonal antibodies
Ioannis Nikolaidis  (*Greece*)

16:40-16:50  Therapy with anti-BMP-2/4 ameliorate relapsing experimental autoimmune encephalitis via oligodendrogenesis and without immunosuppressive mechanism
Karin Fainberg, Maya Golan, Arnon Karni, Moshe Benhamou  (*Israel*)

16:50-17:00  Anti-MOG encephalitis
Aggeliki-Styliani Sintila  (*Greece*)
Scientific Program

Friday 28/09/2018

17:00-17:30 Coffee break

17:30-18:30 Satellite session (Sponsored by a Pharmaceutical Company p. 18)
New Perspectives in MS Disease Understanding and Management

The Dark Side of Progression in RMS
Nikolaos Grigoriadis

The Impact of B Cell Targeted Therapy on Progression in MS
Dimitrios Karussis

18:30-19:30 NEUROIMMUNOLOGY BATTLE Israel against Greece
Moderator: Panayiota Petrou
Scientific Program

Saturday 29/09/2018

08:40-10:00  **Session 5**  
**Clinical Neuroimmunology-Multiple Sclerosis**  
Chairpersons: George Hadjigeorgiou, Ron Milo, Arnon Karn

08:40-09:00  Neuro-regenerative factors and their role in multiple sclerosis  
**Arnon Karni (Israel)**

09:00-09:20  Immunogenetics of Pediatric Multiple Sclerosis  
**Maria Anagnostouli (Greece)**

09:20-09:40  Anti-MOG NMO spectrum of diseases  
**Aslı Tuncer (Turkey)**

09:40-10:00  Microbiota in MS and Experimental Autoimmune Encephalomyelitis  
**Marina Boziki (Greece)**

10:00-11:00  **DEBATES**  
Chairpersons & commentators: Dimitrios Karussis, Rana Karabudak, Vasilios Mastorodimos

10:00-10:30  Immunomodulation vs IRT in MS therapy  
**Mark Hellmann (Israel) vs Ron Milo (Israel)**

10:30-11:00  Use of biomarkers or clinical criteria to guide diagnosis and therapy for neuroimmune diseases  
**Panayiota Petrou (Israel) vs Joab Chapman (Israel)**

11:00-11:30  **Coffee break**
Scientific Program

Saturday 29/09/2018

11:30-12:30 SPECIAL SESSION-INVITED KEYNOTE LECTURES
Chairperson: Evgeniy Evdoshenko, Nikolaos Grigoriadis

11:30-12:00 NMO spectrum of diseases
Amit Bar Or (USA)

12:00-12:30 Overview of modern management of MS
Ludwig Kappos (Switzerland)

12:30-13:30 Lunch break - Poster session 3

13:30-15:00 Session 6
Neuroimmunology of the peripheral nerves and the Neuromuscular junction (in the memory of Miriam Souroujon)
Chairpersons: Socrates Tzartos, Talma Brenner

13:30-13:50 New autoantibodies in neuromuscular diseases
Socrates Tzartos (Greece)

13:50-14:10 Myasthenia Gravis, a paradigmatic antibody-mediated autoimmune disease
Paola Cavalcante (Italy)

14:10-14:30 Inflammatory Myopathies without Inflammation: new syndrome and novel antibodies
Avizohar Argov (Israel)

14:30-14:50 The molecular pathogenesis of recurrent Guillain-Barre syndrome (GBS) due to CD59 loss of function: Clues for understanding GBS
Dror Mevorach (Israel)

14:50-15:00 Discussion
**Scientific Program**

**Saturday 29/09/2018**

15:00-15:30  **Coffee break - Poster session 4**

15:30-17:30  **Session 7**  
Selected short presentations  
Chairpersons: Mark Hellmann, Ron Milo, Konstantinos Voumvourakis

15:30-15:50  Anti-neuronal antibodies in neurological diseases  
*Mia Levitte (Israel)*

15:50-16:10  Autoimmune encephalitis: A rare disease?  
*Avi Gadot (Israel)*

16:10-16:30  A novel antioxidant treatment approach for neuroinflammatory and neurodegenerative diseases  
*Ruth Gabizon (Israel)*

16:30-16:40  Tumefactive MS during natalizumab  
*Ellisavet Andreadou (Greece)*

16:40-16:50  Natalizumab the switch phenomenon  
*Maria Eleftheria Evangelopoulou (Greece)*

16:50-17:00  Natalizumab: acute pancreatitis & MS relapse  
*Maria Anagnostouli (Greece)*

17:00-17:10  Anti-MOG related syndromes: The Greek data  
*Ioannis Tzartos (Greece)*

17:10-17:20  Alemtuzumab: use in disease exacerbation after multiple treatment failures  
*Dimitrios Tzanetakos (Greece)*
Scientific Program

Saturday 29/09/2018

17:30-18:30 **Satellite session** *(Sponsored by a Pharmaceutical Company  p. 18)*
MS treatment update - Selective Immune Reconstitution Therapy (SIRT)
**Freedman Mark**
Scientific Program

Sunday 30/09/2018

09:00-11:00  **Session 8**

Workshop Organised by HELANI
Chairpersons: **Constantinos Kilindireas, Ioannis Heliopoulos, Antonios Tavernarakis**

09:00-09:30  Monoclonal antibodies in Neuroimmunology
**Ioannis Heliopoulos** (Greece)

09:30-10:00  Experimental models and monoclonal antibodies: impact on MS therapeutics
**Nikolaos Grigoriadis** (Greece)

10:00-10:30  Monoclonal antibodies and Multiple sclerosis: therapeutic potential and side effects
**Constantinos Kilindireas** (Greece)

10:30-11:00  The impact of Monoclonal antibodies in “silent” symptoms of MS
**Christos Bakirtzis** (Greece)

11:00-12:30  **Session 9**

Professional meetings of the Israeli and the Greek societies of Neuroimmunology
General Information

Venue
Center of Mediterranean Architecture (Grand Arsenal)
Katechaki & Akti Tompazi 31, Chania 731 32
T: 2821034200  F: 2821034218
Email: info@keppedih-cam.gr

Dates & Hours
Thursday, September 27th, 2018, 19:00 - 21:00
Friday, September 28th, 2018, 08:50 - 19:30
Saturday, September 29th, 2018, 08:40 - 19:30
Sunday, September 30th, 2018, 09:00 - 12:30

Official Language
The official language of the Congress is English.
Interpretation will not be provided.

Accreditation
The Congress has been accredited with 20 C.M.E. Credits by the Panhellenic Medical Association.

Social Events
WELCOME RECEPTION
Date: Thursday, September 27th
Time: 21:00
Location: Center of Mediterranean Architecture (Grand Arsenal)

Registration

<table>
<thead>
<tr>
<th>Registration Fees</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specialists</td>
<td>200€</td>
</tr>
<tr>
<td>Trainees</td>
<td>100€</td>
</tr>
<tr>
<td>Nursing staff</td>
<td>Free</td>
</tr>
<tr>
<td>Undergraduate Students</td>
<td>Free</td>
</tr>
</tbody>
</table>
Registration includes:
- Admission to the Congress area and scientific sessions
- Admission to the exhibition area
- Congress material
- Certificate of Attendance
- Coffee Breaks
- Welcome Reception

**Name Badge - Barcode Scanning**
All participants, upon confirmation of their registration will be provided by the Conference Secretariat with a name badge that bears a unique barcode. Barcode badges must be scanned always before entering and after exiting the Lecture Hall.

**According to the Regulation of National Organization of Medicines, participants must record at least 60% of the total duration of the scientific program in order to receive the Certificate of Attendance.**

**Certificate of Attendance**
All registered participants are entitled to receive a Certificate of Attendance at the end of the Conference.

**Sponsors/ Exhibition**
During the conference, an exhibition of pharmaceutical and equipment/device industries will be held to promote their activities, research and technologies.

**Liability and Insurance**
The Organizers as well as the Organizing-Administrative Bureau will assume no liability for injuries or losses of any nature incurred by participants and/ or accompanying persons, or for the damage, loss or theft of their personal property during the Conference.

**Contact**

**Organization - Conference Secretariat**

Ethn. Antistaseos 101, Kalamaria 55134 Thessaloniki, Greece
T: +30 2310460682, F: +30 2310435064
E-mail: info@praxicon.gr     Website: www.praxicon.gr
MHTE 0933E60000071200