10th Annual Update Conference Series on

**Clinical Neurology & Neurophysiology**

Hilton Tel Aviv, Israel
February 17-18, 2014

www.neurophysiology-conference.com

Announcement and Call for Papers

This meeting has been reviewed and approved for CME by the European Federation of Neurological Societies.
Dear Colleague,

The conference will be held this year at the Hilton Hotel in Tel Aviv on February 16-18, 2014. The conference will feature two parallel streams and a full-day workshop on pain. Participants are invited to send abstracts and poster presentations. The scientific program is diverse and will satisfy all participants interested in clinical neurology and neurophysiology.

We look forward to your attending the 10th Annual Update Conference and we offer an enjoyable scientific program and entertaining social and cultural events.

Sincerely,
Joab Chapman
Michael Rubin
Aron S. Buchman

Course Directors
Joab Chapman, MD, PhD (Tel Aviv)
Michael Rubin, MD, F.R.C.P.(C) (New York)
Aron S. Buchman, MD

Course Coordinators
Michal Beeri, PhD
Adi Eldar, MD
Robert D. Gerwin, MD
Israel Steiner, MD
Simon Vulfsons, MD

Auspices
Israel Neurological Association

Two day course provides an update of selected topics in neurology and clinical neurophysiology. This course is suitable for neurologists, neuroscientists, and general internists, gerontologists, psychiatrists and physiatrists, anesthesiologists and allied health professionals with a particular interest in patients with neurological disorders who wish to update their knowledge of the mechanisms and treatments of these disorders, and to improve their expertise in clinical neurophysiology as practiced in their private offices. A professional exhibition for the industry (pharmaceutical and imaging equipment) will take place adjacent to the conference halls.
Faculty (Tentative)

Anat Achiron, Sheba Medical Center, Israel
Yehudit Aharon, Rambam Medical Center, Israel
Zohar Argov, Hadassah Medical Center, Israel
Michal Beer, Sheba Medical Center, Interdisciplinary Center, Israel and Mount Sinai School of Medicine, USA
David Bennett, Rush University, USA
Aron Buchman, Rush University, USA
Joab Chapman, Sheba Medical Center, Israel
Tali Cukierman, Sheba Medical Center, Israel
Josep Dalmau, IDIBAPS, Hospital Clinic, Spain
Adi Eldar, Sheba Medical Center, Israel
Aharon Finestone, Assaf HaRofeh Medical Center, Israel
Robert Gerwin, Johns Hopkins University School of Medicine, USA
Uri Goldbourt, Tel-Aviv University, Israel
Vahram Haroutunian, Mount Sinai School of Medicine, USA
Hans Peter Hartung, Heinrich-Heine-Universität im UKD, Germany
Mark Hellmann, Rabin Medical Center, Campus Beilinson, Israel
Dara Jamieson, Weill Cornell Medical College, USA
John Kent, Rambam School of Pain Medicine, iSTOP, Israel
Ehud Lavi, New York Presbyterian Hospital, Weill Cornell Medical College, USA
Yair Molad, Rabin Medical Center, Campus Beilinson, Israel
Andrew Pachner, UNDNJ - New Jersey Medical School, USA
Ramit Ravona Springer, Sheba Medical Center, Israel
Mark Sager, University of Wisconsin, USA
Yehuda Scheonfeld, Sheba Medical Center, Israel
Israel Steiner, Rabin Medical Center, Campus Beilinson, Israel
Simon Vulfsons, Rambam Institute for Pain Medicine; Chairman, Israeli Society for Musculoskeletal Medicine; Rambam School of Pain Medicine, Israel
Scientific Program*

Monday, February 17
Coordinator: Michal Beeri

**Dementia**

08:30 Registration, exhibition & refreshments

09:00 Epidemiology of dementia in the oldest old  
David Bennett, USA

09:45 Neurobiology of dementia in the oldest old  
Vahram Haroutunian, USA

10:30 Coffee & cake - exhibition & posters

11:00 Phenomenology of dementia in the oldest  
Yehudit Aharon, Israel

11:45 The relationship between cognition and physical frailty in the oldest  
Aron Buchman, USA

12:30 Midlife risk factors for oldest old dementia and co-morbidity  
Uri Goldbourt, Israel

13:20 Lunch

**Diabetes and cognition**

14:30 Type 2 diabetes and dementia - an overview  
Michal Beeri, Israel

15:10 Insulin resistance affects brain structure and function already in midlife  
Mark Sager, USA

15:45 Coffee & cake - exhibition & posters

16:15 Patterns of glycemic control over time and cognitive performance in elderly with type 2 diabetes  
Ramit Ravona Springer, Israel

17:00 Accelerated cognitive aging in people with diabetes - the role of dysglycemia treatment modalities & implications for patients care  
Tali Cukierman, Israel
Monday, February 17
Coordinator: Israel Steiner

Inflammatory conditions of the nervous system - introduction

08:30 Registration, exhibition & refreshments

09:00 The mosaics of autoimmunity - the role of infections
Yehuda Scheonfeld, Israel

09:45 Animal models of CNS demyelinating conditions
Andrew Pachner, USA

10:30 Coffee & cake - exhibition & posters

11:00 Rationale of treatment of neuro-psychiatric lupus erythematosus as a paradigm for the approach to neurologic involvement of systemic autoimmune diseases
Yair Molad, Israel

11:45 Clinical, radiological and pathological correlation of inflammatory and pseudo-inflammatory disorders
Dara Jamieson, USA

12:30 Cerebral vasculitis - an update
Ehud Lavi, USA

13:20 Lunch

Inflammatory conditions of the central nervous system

14:30 The antiphospholipid syndrome in the brain: from coagulation to neuroscience
Joab Chapman, Israel

15:00 Autoimmune encephalitis: from symptom to synapse
Josep Dalmau, Spain

15:45 Coffee & cake - exhibition & posters

16:15 Cognition in multiple sclerosis, much ado about crokudo
Anat Achiron, Israel

16:45 Disability progression in MS - wrestling with the 800 lb. gorilla
Andrew Pachner, USA

17:30 Is multiple sclerosis an immune-mediated condition?
Israel Steiner, Israel
**Monday, February 17**  
**Hall C**  
**Coordinators:** Robert Gerwin, Simon Vulfsons

**WORKSHOP: Nerve entrapments from myofascial causes**

Nerve entrapments are common causes of pain and disability. They typically occur in areas of the body where peripheral nerves penetrate contractile tissue such as muscle, and especially where the muscles exert pressure on more solid structures such as bones and ligaments.

In this one-day workshop, 5 important entrapment syndromes will be discussed. Working in a top-down fashion, we will start with one of the main causes of headache and migraine - occipital neuralgia.

The thoracic outlet, a common cause of brachial plexus problems will be described and taught in detail.

We will then discuss three fairly common but not well understood entrapment syndromes from the forearm (pronator teres, supinator and cubital tunnel) down to the lateral thigh (meralgia paresthetica) and ending in the very common pseudosciatica caused by the piriformis syndrome.

**Objectives of the program:**
1. Know, recognize and diagnose the various syndromes
2. Know the differential diagnosis and also the diagnostic workup if necessary
3. Know how to treat the syndromes by release of myofascial tension

**09:00 Occipital Neuralgia**  
*Robert Gerwin, USA*

**10:15 Coffee & cake - exhibition & posters**

**10:45 Thoracic outlet entrapment**  
*Robert Gerwin, USA*

**12:00 Forearm entrapments**  
*Simon Vulfsons, Israel*

**13:15 Lunch**

**14:00 Meralgia Paresthetica**  
*John Kent, Israel*

**15:00 Piriformis syndrome**  
*Aharon Finestone, Israel*

**16:15 Summary and feedback**
Tuesday, February 18

Genetics of Alzheimer's Disease  Hall A

08:30 Registration, exhibition & refreshments

09:00 Linking genomic variants to neuropathologic traits
   David Bennett, USA

09:45 The association of immune/inflammatory pathways with Alzheimer's disease: TREM2 genetic risk variants as a case in point
   Vahram Haroutunian, USA

10:30 Coffee & cake - exhibition & posters

11:00 AD susceptibility genes affect the relationships of glycemic control with cognition
   Michal Beeri, Israel

11:45 Pathology & genetics of Parkinsonism in older adults
   Aron Buchman, USA

Inflammatory conditions of the peripheral nervous system and the muscle  Hall C

Coordinator: Israel Steiner

08:30 Registration, exhibition & refreshments

09:00 Update on GBS
   Hans-Peter Hartung, Germany

09:45 Inflammatory myopathies
   Zohar Argov, Israel

10:30 Coffee & cake - exhibition & posters

11:00 Aspects of myasthenia gravis
   Mark Hellmann, Israel

11:30 Progress in CIDP
   Hans-Peter Hartung, Germany

12:00 The role of the thrombin receptors in diseases of the peripheral nerve
   Joab Chapman, Israel
**Tuesday, February 18**

12:30  
**Luncheon Satellite:**  
**Hall A & C**  
**MS Case Studies**  
Anat Achiron, Joab Chapman, Hans-Peter Hartung

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**Neuromuscular and neuroimmunology:**  
**Hall A & C**  
**Case studies & discussion**  
Chairman: Israel Steiner  
Case coordinator: Adi Eldar

14:15  Hans-Peter Hartung, Germany
14:45  Andrew Pachner, USA
15:15  Aron Buchman, USA
15:45  **Coffee & cake - exhibition & posters**
16:15  Joab Chapman, Israel
16:45  Zohar Argov, Israel

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* Subject to change
**General Information**

**Venue:** Hilton Hotel, Tel Aviv, Israel

**Date:** February 17-18, 2014

**Language:** The conference will be conducted in English.

**Registration Fee** of €395 includes participation in all scientific sessions and full day workshop, syllabus, night tour and dinner (February 17), 2 lunches and coffee breaks. The fee is valid until December 25, 2013. After that the fee is €485.

**Night Tour and Dinner:** Monday, February 17
Depart Hilton Hotel at 18:00
Additional Tickets: €75

**Hotel accommodations** include bed, full Israeli buffet breakfast and 15% service charge. Official check-in time for hotels is 14:00 and check-out is 10:30. Saturday check-in is approximately 19:30. All requests for accommodations must be prepaid.

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<tr>
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<th>single room (1 person)</th>
<th>double room (2 people)</th>
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<tr>
<td>Hilton Hotel (venue)</td>
<td>€195</td>
<td>€210</td>
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<td>Tal Hotel*</td>
<td>€125</td>
<td>€135</td>
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<td>*5 minute walk to venue</td>
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**Payment:** Payment should be made by one of the following methods:
- By check made payable to “ISAS International Seminars.”
- By credit card via the conference website. Please note that payments made by credit card may be charged in US Dollars according to the exchange rate on the date of transaction.
- By bank transfer to ISAS International Seminars Ltd.
  Bank Leumi Branch #687
  19 King David St., Jerusalem, Israel
  Account Number 940041
  SWIFT Account: LUMIILIT
  IBAN Code: IL 790106 870000000940 041

Local and Israeli bank charges and commissions are the responsibility of the participant and should be paid at source in addition to the registration and accommodation fees.

Please make sure the name of the conference and of each participant are indicated on the bank transfer and that fully completed registration forms are submitted together with a copy of the bank transfer.
Cancellation Policy: All cancellations must be received via fax, email or post. Registration cancellations received before January 15, 2014 are subject to a service charge and bank fee of €50. No refunds will be made on cancellations received after January 15, 2014. Hotel cancellations after February 15, 2014 will be charged one night’s fee. Refunds will be processed one month after the conference.

Abstracts for poster presentation should be submitted in WORD format (300 words) by email to seminars@isas.co.il and by fax to +972-2-6520558. Presenters will be notified of acceptance by December 30, 2013. Submission deadline: December 20, 2013

Exhibition: A commercial exhibition will be held within the framework of the conference. Exhibitors will be provided with an unprecedented opportunity to promote innovative products, pharmaceuticals, equipment and technologies to a discerning international professional audience. For further information contact the Secretariat at meetings@isas.co.il

Letters of Invitation: Upon request, the Secretariat will send a personal invitation to participate in the conference. Such an invitation is only meant to help visitors raise travel funds or obtain a visa and is not a commitment to provide financial support.

Climate: The weather in February is cool with possible rain, temperatures ranging from 6-14°C / 45-60°F.

Transportation from Airport: Ben-Gurion International Airport is located 20 minutes from Tel Aviv. Taxi service and a modern airport train provide fast and economic transportation into Tel Aviv.

Important Notes: ISAS International Seminars, and their agents, shall not be responsible for and shall be exempt from all liability in respect of any loss, damage, injury, accident, delay or inconvenience to any person, or his/her luggage or any other property for any reason whatsoever, for any tourist services provided. Personal travel and health insurance is recommended.

Conference Secretariat:
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Tel: +972-2-6520574, Fax: +972-2-6520558
email: seminars@isas.co.il
www.neurophysiology-conference.com
Tours

Exclusively for conference participants and accompanying persons

Tour #1: Northern Israel - Caesarea, Haifa & Acre
Sunday, February 16
Depart Tel Aviv, Israel’s first modern city built on sand dunes. Continue north via the coastal road to King Herod’s ancient United Nations World Heritage Roman port city of Caesarea. Tour the ancient port, Hippodrome and Crusader buildings and experience the museum and film that take you back 2000 years. Pass Zichron Yaakov and hear about the vineyards and city that Baron Rothschild built nearly 100 years ago. Tour Haifa, pass the Carmel Mountains, Stella Maris and Bahai Gardens and exit Haifa north towards Acre. Break for lunch. Visit Crusader sites and UNESCO World Heritage site of the underground city. Tour ancient port city, the marketplace. Return to Tel Aviv.
Price: €100

Tour #2: Masada, Qumran, Dead Sea
Wednesday, February 19
Depart Tel Aviv and descend through the beautiful scenery of the Judean Desert to the lowest point on Earth – the Dead Sea. Drive along the sea, pass by Qumran where the Dead Sea Scrolls were found and continue to Masada. This ancient fortress built by Herod the Great in the 1st Century B.C.E. was the last Jewish stronghold during the revolt against the Romans. Ascend Masada by cable car, take in the magnificent
views in all directions and tour the fascinating excavations. Bring water, hat, walking shoes. Return to Tel Aviv.
Price: €130

Tour #3: Jerusalem
Thursday, February 20
Depart Tel Aviv to the Old City of Jerusalem and tour by foot Mt. Zion, King David’s Tomb, the Room of the Last-Supper, Dormition Church, Zion Gate, and three Old City Quarters - Armenian, Jewish and Christian. Visit the Cardo - the reconstructed main street of Byzantine Jerusalem from the 6th century - the Western Wall, Via Dolorosa, Church of the Tomb, and exit the Old City via Jaffa Gate. Return to Tel Aviv.
Price: €90

Note:
• All tours depart conference venue hotel at 08:00.
• All itineraries are subject to change and require a minimum of 15 participants per tour.
• Lunch and entrance fees not included.
• For additional tours and extensions, please contact the Secretariat.
Registration Form Neurophysiology 2014
To register online: www.neurophysiology-conference.com
Please type or print in block letters and return to: ISAS
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Surname: First Name:
Email:
Place of Work: □ Home □ Work
Mailing Address: Home Work
City: Country: Postal Code: Tel:
Please reserve a □ single room □ double room*
at the Hotel
check in date check out date # of nights
I will share my room with *
* It is the sole responsibility of the participants to find a roommate. In the absence of a roommate, single occupancy price will be charged.

Conference Registration €
Hotel Accommodations €
□ Dinner and Tour (Additional) seat(s) €
□ Tour 1: Northern Israel seat(s) €
□ Tour 2: Masada, Qumran, Dead Sea seat(s) €
□ Tour 3: Jerusalem seat(s) €
Total €

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