

A sponsored activity by The Adams Super Center for Brain Studies Tel Aviv University and the Joseph Sagol Neuroscience Center at the Chaim Sheba Medical Center, Tel Hashomer



10th Annual Update Conference Series on

# **Clinical Neurology & Neurophysiology**

**Hilton Tel Aviv, Israel  
February 17-18, 2014**

[www.neurophysiology-conference.com](http://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.



**THERAPATH**  
NEUROPATHOLOGY



## **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**

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## **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 Beeri**, 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 Clínic, 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**

**Hall A**

Coordinator: *Michal Beerli*

### 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 Beerli, 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*

**Hall B**

## **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 Beerli, 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: MS Case Studies**

**Hall A & C**

*Anat Achiron, Joab Chapman, Hans-Peter Hartung*

### **Neuromuscular and neuroimmunology: Case studies & discussion**

**Hall A & C**

**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*

\* 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.

	single room (1 person)	double room (2 people)
Hilton Hotel (venue)	€195	€210
Tal Hotel*	€125	€135
*5 minute walk to venue		

**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 9400/41  
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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email: seminars@isas.co.il

www.neurophysiology-conference.com

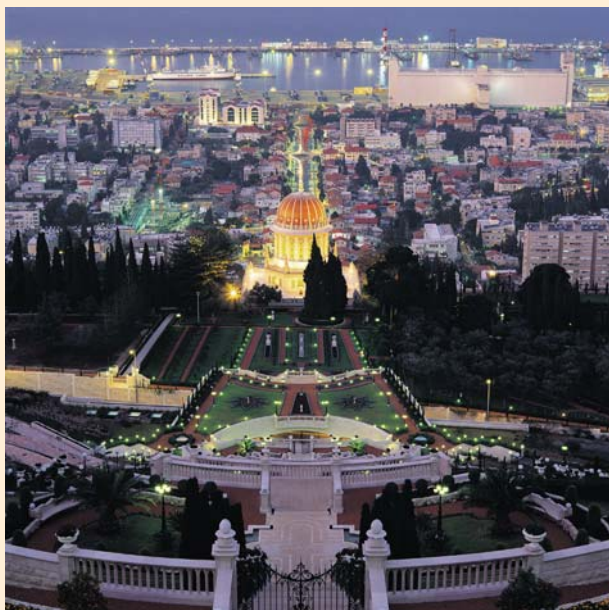
## Tours

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 on line: [www.neurophysiology-conference.com](http://www.neurophysiology-conference.com)

Please type or print in block letters and return to: ISAS

International Seminars, POB 574, Jerusalem 9100402, Israel

Tel: +972-2-6520574 • Fax: +972-2-6520558 • Email: [register@isas.co.il](mailto:register@isas.co.il)

Surname: .....

First Name: .....

Email: .....

Place of 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 € .....

Enclosed please find my check payable to ISAS Int'l Seminars.

Bank transfer (copy enclosed) to ISAS International Seminars

Bank Leumi, Branch #687, 19 King David St., Jerusalem, Israel

IBAN CODE: IL 79 0106 8700 0000 0940 041

Swift Account: LUMIILIT, Account Number 9400/41

Charge my credit card:  VISA  DINERS  MC  AMEX

Card number: .....

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