

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



The 6th Annual Update Symposium Series on

# **Clinical Neurology and Neurophysiology 2010**

**Metropolitan Hotel  
Tel Aviv, Israel  
February 15-16, 2010**

<http://www.neurophysiology-symposium.com>

## **Program**



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



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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 (Chicago, Tel Aviv)

## **Course Coordinators**

**Sharon Hassin**, MD

**Rivka Inzelberg**, MD

**Chaim G. (Chagi) Pick**, PhD

## **Auspices**

**Israel Neurological Association**

## **Faculty**

**Carey Balaban**, PhD

Departments of Otolaryngology, Neurobiology,  
Communication Sciences and Disorders, and  
Bioengineering

University of Pittsburgh

Pittsburgh, PA, USA

**Anat Biegon** PhD

Director, Sagol Neuroscience Center

Sheba Medical Center, Israel

Senior scientist, Imaging Center

Brookhaven National Lab, USA

**Oren Cohen**, MD

Parkinson's Disease and Movement Disorders Clinic

Sagol Neuroscience Center and Department of Neurology

Chaim Sheba Medical Center, Tel Hashomer

Sackler School of Medicine

Tel Aviv University

Tel Aviv, Israel

**Ruth Defrin**, PhD

Department of Physical Therapy

Sackler Faculty of Medicine

Tel Aviv University

Tel Aviv, Israel

**Moshe Feinsod**, MD

Professor Emeritus of Neurosurgery

Faculty of Medicine

The Technion

Haifa, Israel

**Robert Gerwin**, MD

Department of Neurology

Johns Hopkins University

Baltimore, MD, USA

**Nigel Greig**, PhD

Drug Design and Development Section

Laboratory of Neurosciences

Intramural Research Program

National Institute on Aging

Baltimore, MD, USA

**Tanya Gurevich, MD**

Director, Parkinson's Disease & Neuroautonomic Service  
Movement Disorders Unit  
Department of Neurology  
Tel Aviv Sourasky Medical Center  
Sackler School of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Sharon Hassin, MD**

Director, Parkinson's Disease and Movement Disorders Clinic  
Sagol Neuroscience Center and Department of Neurology  
Chaim Sheba Medical Center, Tel Hashomer  
Sackler School of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Rafi Heruti, MD**

Sexual Rehabilitation Clinic  
Reuth Medical Center  
Sackler School of Medicine  
Tel-Aviv University  
Tel-Aviv, Israel

**Michael E. Hoffer, MD**

Spatial Orientation Center  
Department of Otolaryngology  
Naval Medical Center San Diego  
San Diego, CA, USA

**Rivka Inzelberg, MD**

Professor of Neurology  
Sagol Neuroscience Center and Department of Neurology  
Chaim Sheba Medical Center  
Tel Hashomer  
Sackler School of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Moshe Kushnir, MD**

Head, Neurology Unit and Movement Disorder Clinic  
Kaplan Medical Center  
Rehovot, Israel

**Yael Manor, PhD**

Movement Disorders Unit  
Department of Neurology  
Voice and Swallowing Clinic  
Department of Otolaryngology  
Tel-Aviv Sourasky Medical Center  
Sackler School of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Eldad Melamed, MD**

Professor of Neurology  
The Norma and Alan Aufzien Chair for Research of  
Parkinson's Disease  
Sackler School of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Diana Paleacu, MD**

Head, Neurology Service and Memory Clinic  
Abarbanel Mental Health Center  
Sackler School of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Chaim G. (Chagi) Pick, PhD**

Department of Anatomy and Anthropology  
Sackler School of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Josè Martin Rabey, MD**

Professor and Chairman  
Department of Neurology  
Assaf Harofeh Medical Center  
Sackler School of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Ramit Ravona-Springer, MD**

Memory Clinic  
Psychiatric Division  
Chaim Sheba Medical Center, Tel Hashomer  
Sackler School of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Ilana Schlesinger, MD**

Head of Movement Disorders Center  
Department of Neurology  
Rambam Health Care Campus  
Haifa, Israel

**Yoni Sharabi, MD**

Head, Hypertension Unit  
Chaim Sheba Medical Center, Tel-Hashomer  
Sackler School of Medicine  
Tel-Aviv University  
Tel-Aviv, Israel

**Shaul Schreiber, MD**

Department of Psychiatry  
Tel Aviv Sourasky Medical Center  
Sackler Faculty of Medicine  
Tel Aviv University  
Tel Aviv, Israel

**Esther Shohami, PhD**

Department of Pharmacology  
The Hebrew University School of Pharmacy  
Jerusalem, Israel

# February 15, 2010

## Movement Disorders: Updates & Controversies

Coordinators: Sharon Hassin, Rivka Inzelberg

### 9:00 Etiology of PD: Update

Genes, ethnicity, environment, where do we stand? Update on contribution of genetic and environmental factors in the pathogenesis of PD; genetic forms of PD in ethnic groups in Israel

Rivka Inzelberg

### 9:40 Diagnosis of PD: Controversy

Early diagnosis of PD – can functional neuroimaging help?

Protagonist: Eldad Melamed

Antagonist: Martin J. Rabey

### 10:20 Coffee Break

### 10:50 Non-motor symptoms of PD: Update

The spectrum of sensory and autonomic dysfunction in PD

Tanya Gurevich

### 11:10 Rehabilitative approach to genitourinary dysfunction

Rafi Heruti

### 11:30 Autonomic circulatory dysfunction

Yoni Sharabi

### 11:50 Evaluation and treatment of swallowing disorders

Yael Manor

### 12:10 Depression versus apathy

Ramit Ravona

### 12:30 Discussion

### 13:00 Lunch

### 14:00 Approach to treatment in PD: Dilemmas

Early vs. delayed medical treatment – pros and cons

Ilana Schlesinger

- 14:20 Levodopa: the problems and their solutions**  
Moshe Kushnir
- 14:40 Deep brain stimulation: Update of the therapy in Israel, sooner or later?**  
Oren Cohen
- 15:00 Update on neurogenetic movement disorders in Israel**  
**Ataxias – a practical approach (AT, CTX, SCA, FRDA, 3MGA, FXTAS)**  
Sharon Hassin
- 15:30 Huntington’s Disease – what we know and what we don’t know**  
Diana Paleacu
- 16:00 Coffee Break**  
**Movement disorders: Video session**  
Unusual movement disorder

**Hands-on Workshop**  
**The Pain Syndromes**

Robert Gerwin

Comprehensive introduction to musculoskeletal pain, central sensitization and headache syndromes, using headache as a model for the pain syndromes. Overview includes low back and pelvic pain, and botulinum toxin treatment of pain.

09:00-13:00

Session I

13:00-14:00

Lunch

14:00-16:00

Session II

# February 16, 2010

## Traumatic Insults to the Brain: From Minimal Traumatic Brain Injury (mTBI) to Brain Blast Injury. Basic and Clinical studies

Coordinator: Chaim G. (Chagi) Pick

**9:00** The enigma of the quivering jelly, exploring the mechanisms of concussion: A historical review

Moshe Feinsod

**9:45** From the bench to the patient: The use of novel experimental models to develop new therapeutics for brain trauma

Esther Shohami

### 10:30 Coffee Break

**11:00** Brain trauma and headache

Ruth Defrin

**11:45** Mild Traumatic Brain Injury: Vestibular consequences and new frontiers

Michael E. Hoffer

### 12:30 Lunch

**13:30** Surviving suicide bombing: Post Traumatic Stress Disorder (PTSD), blast induced minimal Traumatic Brain Injury, or in-between?

Shaul Schreiber

**14:15** New treatment strategies for mild traumatic brain injury in rodent models based on biochemical and behavioral correlates

Nigel Greig

### 15:00 Coffee Break

**15:30** Experimental penetrating brain injury

Anat Biegon

**16:15** Early effects in blast-related mild traumatic brain injury: Basic and translational perspectives

Carey Balaban

**17:00** Questions and Answers

## General Information

**Venue:** Metropolitan Hotel, 15 Trumpeldor St., Tel Aviv, Israel

**Date:** February 15-16, 2010

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

**Registration Fee** of \$550 includes participation in all scientific sessions and workshops, syllabus, 2 lunches and coffee breaks. The fee is valid until January 15, 2010. After that the fee is \$650.

**Accompanying Persons:** Fee includes 2 conference lunches and a full day tour of Tel Aviv and Guvrin Caves. Does not include entry into scientific sessions. Fee: \$195

**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 18:30. All requests for accommodations must be prepaid.

	single room (1 person)	double room (2 people)
Metropolitan Hotel	\$112	\$130
Metropolitan Suites	\$189	\$207

**Cancellation Policy:** Registration cancellations received before January 15, 2010 are subject to a service charge of \$80. No refunds will be made on cancellations received after January 15, 2010. Hotel cancellations after January 15, 2010 may be charged one night's fee.

**Abstracts:** Abstracts of approximately 300 words are invited in WORD format and should be submitted to the Secretariat before January 15, 2010, by email to: [seminars@isas.co.il](mailto:seminars@isas.co.il) and by fax to +972-2-6520558. Presenters will be notified of acceptance of their abstract by January 31, 2010.

**Exhibition:** A commercial exhibition will be held within the framework of the symposium. 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](mailto:meetings@isas.co.il)

**Letters of Invitation:** Upon request, the Secretariat will send a personal invitation to participate in the symposium.

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:**

ISAS International Seminars  
POB 574, Jerusalem, Israel 91004  
Tel: +972-2-6520574, Fax: +972-2-6520558  
email: seminars@isas.co.il  
<http://www.neurophysiology-symposium.com>

## **Tours**

Exclusively for conference participants and accompanying persons

### **Tour #1: The North - Caesarea, Haifa & Acre Sunday, February 14**

Depart Jerusalem and travel via Tel Aviv, Israel's first modern city built on sand dunes. Continue north to Netanya. Follow 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 and, time permitting, the citadel prison where the British jailed Israel's pre-state fighters. Price \$125

**Tour #2: Masada, Qumran, Dead Sea**  
**Wednesday, February 17**

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 – the ancient fortress built by Herod the Great in the 1st Century B.C.E. – which 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, bathing suit & towel (there may be time for a dip in the Dead Sea).  
Price \$160

**Tour #3: Nazareth, Tiberias & Capernaum**  
**Thursday, February 18**

Highlights: Nazareth (Church of the Annunciation and the Church of Saint Joseph), the ruins at Capernaum, Tabgha and the Church of the Multiplication of the Loaves and the Fishes, Tiberias and the Sea of Galilee.  
Price \$150

**Tour #4: Jerusalem**  
**Friday, February 19**

Visit 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 to the bus.  
Price \$120

**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 2010

To register on line: [www.neurophysiology-symposium.com](http://www.neurophysiology-symposium.com)  
Please type or print in block letters and return to:  
ISAS International Seminars, POB 574, Jerusalem 91004, 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 accommodation at the Metropolitan Hotel  
 single room  double room\*  suite

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 \$ \_\_\_\_\_

Accompanying person (Name \_\_\_\_\_) \$ \_\_\_\_\_

Hotel Accommodations \$ \_\_\_\_\_

Tour1: The North-Caesarea, Haifa, Acre \_\_\_\_\_ seat(s) \$ \_\_\_\_\_

Tour2: Masada, Qumran, Dead Sea \_\_\_\_\_ seat(s) \$ \_\_\_\_\_

Tour3: Nazareth, Tiberias, Capernaum \_\_\_\_\_ seat(s) \$ \_\_\_\_\_

Tour4: 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, 19 King David St., Jerusalem, Israel  
Account Nr. 780/812900/40; Swift Account: LUMIILITINT  
 Charge my credit card:  VISA  DINERS  MC  AMEX

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