

The Eighth Annual Update Symposium Series on  
**Clinical Neurology and Neurophysiology**  
**SCIENTIFIC PROGRAM**  
February 22, 2012

**Hall A**

**Infections of the Nervous System**

Course director: Israel Steiner

**09:00**

*Human African trypanosomiasis (Sleeping sickness)*

Peter Kennedy

**09:45**

*Lyme disease*

Andrew Pachner

**10:30 – Coffee break**

**11:00**

*Transmissible amyloidosis and the aging brain*

Robert P. Friedland

**11:45**

*Chorea and rheumatic fever*

Isabelle Korn-Lubetzki

**12:30 – Lunch**

**13:30**

*Infectious complications of MS therapies*

Israel Steiner

**14:15**

*Update on Creutzfeldt Jakob disease*

Oren Cohen

**15:00 – Coffee break**

**15:30**

*Cerebral malaria*

Ehud Lavi

**Hall B**

**Stroke and Cerebrovascular Diseases**

Course director: David Tanne

**09:00**

*Reperfusion therapy – current concepts and future directions*

Carlos A. Molina

**09:30**

*Neuro-interventional approaches to acute stroke*

David Orion

**10:00**

*TIA as an emergency*

Jonathan Y. Streifler

**10:30 – Coffee break**

**11:00**

*Stroke prevention in atrial fibrillation: Now what? New drugs approved & how to select them for which patients*

Steven R. Levine

**11:30**

*Symptomatic carotid stenosis and stroke prevention*

Natan M. Bornstein

**12:00**

*Neurological complications of cardiac procedures*

Ronen R. Leker

**12:30 – Lunch**

**13:30**

*Sonothrombolysis*

Carlos A. Molina

**14:00**

*What can we learn from national stroke registries?*

David Tanne

**14:30**

*Cerebrovascular pathologies and cognition in old age*

David A. Bennett

**15:00 – Coffee break**

**15:30**

*Loss of motor function in older persons and cerebrovascular pathologies*

Aron S. Buchman

**16:00**

*Management of spasticity after stroke*

Sharon Hassin

**16:30**

*Novel technologies & techniques in stroke rehabilitation*

Zeev Meiner

For updates, see  
[www.neurophysiology-symposium.com](http://www.neurophysiology-symposium.com)

**Hall A**

**Advanced Imaging of the Nervous System**

Course director: Ilan Ziv

09:00

*The role of molecular imaging in the crossroads of neurology and nuclear medicine*

Mordechai Lorberboym

09:45

*DATSCAN in the clinical work-up of the parkinsonian patient*

Ruth Djaldetti

10:30 – *Coffee break*

11:00

*Imaging of apoptosis in cerebral stroke: Experience with Annexin-V*

Yair Lample

11:45

*ML-10: The first PET probe for clinical molecular imaging of apoptosis – from bench to the clinical practice*

Ilan Ziv

12:30

*Clinical experience with ML-10, a small-molecule probe for apoptosis, for early detection of response of brain metastases to radiation therapy*

Aharon Allen

13:15 – *Lunch*

14:15

*Molecular imaging in neuromuscular disease; for example: muscle denervation*

Miri Ben Ami

15:00

*Florbetapir for molecular imaging of Amyloid plaques in Alzheimer's disease*

Dan Skovronsky

15:45 – *Coffee break*

16:15

*Imaging of dementia*

Robert P. Friedland

**Hall B**

**Epilepsy: Pathogenesis and Treatment**

Course Director: Ilan Blatt

09:00

*Autoimmune epilepsy: Glutamate receptor antibodies are found in patients, and kill neurons, aggravate seizures and cause neurobehavioral impairments in animal models*

Mia Levite

09:45

*Thrombin and seizures: new insights into post-traumatic and post-stroke epilepsy*

Nicola Maggio

10:30 – *Coffee break*

11:00

*Early epileptic encephalopathies*

Bruria Ben-Zeev

11:45

*Hormonal therapy for epilepsy*

Michael Sperling

12:30

*Lessons learnt from AED pregnancy registries*

Miri Neufeld

13:15 – *Lunch*

14:15

*Deep brain stimulation for epilepsy*

Zvi Israel

15:00

*Ion channels and beyond - the genetics of seizure disorders*

Ingo Helbig

15:45 – *Coffee break*

16:15

*Non-conventional treatments for epilepsy*

Dana Ekstein

17:00

*Case presentations and panel discussion: Non-lesional refractory epilepsy cases*

Led by Michael Sperling

**Hall C: Full Day Workshop (Limited to 40 participants)**

**The Treatment of Headache by Myofascial Trigger Point Dry Needling**

Presenter: Robert D. Gerwin M.D., USA

**Objective:** Participants will learn how to diagnose myofascial trigger points, how they relate to and cause migraine, tension-type and cervicogenic headaches, and how to treat them by dry needling trigger point inactivation.

**Course Description:** This workshop will present the key features of the myofascial trigger point, how to identify them manually and how they relate to the three most common headaches. This is a hands on workshop in which participants will learn how to inactivate myofascial trigger points by dry needling, and will learn how to identify and treat the important muscles that cause and perpetuate headache. The technique of treatment of headache with botulinum toxin will be discussed.