Scientific Program

Thursday, January 28, 2016

8:15-8:45  Registration
8:45-9:00  Opening and welcome Prof. Anat Achiron
9:00-9:30  The immunological brain: Cognitive behavior of the immune system in multiple sclerosis. Prof. Irun Cohen, Rehovot, Israel
9:30-10:00  Is cognitive impairment in autoimmune diseases inflammatory, antibody mediated or degenerative process? Prof. Joab Chapman, Tel-Aviv, Israel
10:00-10:10  Debate 1: Is the immunological brain different between multiple sclerosis and other autoimmune diseases? Is cognition in autoimmune disease a common final pathway or disease specific? Prof. Irun Cohen & Prof. Joab Chapman
Moderator: Prof. Yoram Barak
10:10-10:40  Epidemiology of cognitive impairment in multiple sclerosis. Prof. Maria-Pia Amato, Florence, Italy
10:40-11:10  Cognitive aspects in Radiologically Isolated Syndrome (RIS). Prof. Darin Okuda, Dallas, USA
11:10-11:30  Coffee Break
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<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:30-12:00</td>
<td>Cortical Atrophy in multiple sclerosis – How early can it be identified and with what tools? Prof. Massimiliano Calabrese, Verona, Italy</td>
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<td>12:00-12:30</td>
<td>Structural correlates of memory performance with diffusion tensor imaging. Prof. Yaniv Assaf, Tel-Aviv, Israel</td>
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<td>12:30-13:00</td>
<td>The cognitive network – fMRI aspects in multiple sclerosis that can improve our understanding on the pathological mechanisms involved. Prof. Matilde Inglese, New York, USA</td>
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<td>13:00-13:10</td>
<td><strong>Debate 2</strong>: Cognitive reserve in multiple sclerosis. Do we have MRI related evidence? Prof. Massimiliano Calabrese &amp; Prof. Yaniv Assaf Moderator: Dr Chen Hoffmann</td>
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<td>13:10-13:20</td>
<td><strong>Debate 3</strong>: Do we have a signal for beneficial effects of immunomodulatory drugs on cognitions in MS?/Do the current disease modifying drugs protect from cognitive decline? Prof. Maria-Pia Amato &amp; Prof. Matilde Inglese Moderator: Prof. Anat Achiron</td>
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<td>13:20-14:00</td>
<td>Lunch</td>
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<td>14:00-15:30</td>
<td><strong>Workshop 1</strong>: Computerized cognitive tests. <strong>Lecture</strong>: Cognitive performance using the global Mindstreams™ Cognitive Health Assessment in assessment of patients with multiple sclerosis: test specifications and cognitive outcomes. Dr. Ely Simon, Modiin, Israel</td>
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15:30-17:00 **Workshop 2:** Computerized cognitive games.  
**Lecture:** Cognitive games.  
Prof. Franck Tarpin-Bernard, Lyon, France

20:00 Dinner

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**Friday, January 29, 2016**

8:30-9:00 Morning Gathering & Coffee

9:00-9:30 Brain food and mindfulness as pathways to improve cognition in multiple sclerosis.  
Prof. Yoram Barak, Tel-Aviv, Israel

9:30-10:00 Neuro-games: modulation of brain plasticity.  
Prof. Anat Achiron, Tel-Aviv, Israel

10:00-10:30 Neuroplasticity – implications for multiple sclerosis.  
Prof. Anthony Hannan, Melbourne, Australia

10:30-10:40 **Debate 4:** What is the evidence for improvement in cognitive performance using cognitive rehabilitation?  
Prof. Darin Okuda & Prof. Yoram Barak  
Moderator: Prof. Joab Chapman

10:40-10:50 **Debate 5:** What affects Neuroplasticity? – Age, gender or prior cognitive performance?  
Prof. Anat Achiron & Prof. Anthony Hannan  
Moderator: Prof. Maria-Pia Amato
10:50-11:30 Coffee Break

11:30-12:00 Remyelination and inflammation
Prof. Robin Franklin, Cambridge, UK

12:00-12:30 Neuropathological correlates of cognitive dysfunction.
Prof. Wolfgang Brück, Göttingen, Germany

12:30-13:00 Cognitive resilience.
Dr. Yermi Harel, Ra'anana, Israel

Prof. Anat Achiron

13:15-14:00 Lunch