

A JOURNEY THROUGH NEUROSCIENCE: HUMANITAS NEUROCENTER MEETS TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY

April 2, 2019 - Room E, Humanitas Meeting Center

9.15 Welcome

Proff. Michela Matteoli and Maurizio Fornari, Organizers

Prof. Alberto Mantovani, Scientific Director, Humanitas

Prof. Marco Montorsi, Rector, Humanitas University

NEURONS & SYNAPSES: THE BASIC RESEARCH IN NEUROSCIENCE

(Chair: Itamar Kahn, Matteo Fossati)

9.30 Noam Ziv

The Technion – Israel Institute of Technology (10 mins)

Synaptic Tenacity - When everything changes, do things really remain the same? (40 mins)

10.20 Michela Matteoli

The Humanitas Neuro Center (10 mins)

Immune-synaptopathies – When the immune system affects synaptic function (20 mins)

10.50 Davide Pozzi

How inflammation shapes brain wiring: the role of the proinflammatory cytokine IL-6 (20 mins)

11.15 COFFEE BREAK

MAPPING THE BRAIN CONNECTIVITY AT THE BENCH AND THE BEDSIDE

(Chair: Franco Servadei, Eduardo Nobile Orazio)

11.45 Itamar Kahn

Relating structure and function of the mouse mesoscale connectome (40 mins)

12.05 Simona Lodato

Investigating microcircuits assembly in the developing cerebral cortex (20 min)

12.25 Alberto Albanese

Deep Brain Stimulation, a network intervention in movement disorders (20 min)

13.00 LIGHT LUNCH

HOW TO REPAIR BRAIN DAMAGES: FUNCTIONAL IMAGING AND NEUROSURGERY

(Chair: Maurizio Fornari, Maria Luisa Malosio)

14,15 Momy Benifla

The role of intra and extra operative functional mapping in neurosurgery (40 mins)

14,55 Federico Pessina

The impact of intraoperative motor mapping in intrinsic brain tumors surgery (20 mins)

15,15 Letterio Politi

Quantitative MRI in CNS disorders: relevance for clinical trials and personalized medicine (20 mins)

15,40 CONCLUSIONS AND VISIT TO THE CAMPUS

**** The attendance to the meeting is free but a registration is required. Please send a mail to the scientific secretary:***

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