

Translational and Molecular Imaging Institute presents:
4th Annual TMII Symposium - 2014

SYMPOSIUM SCHEDULE

New York Academy of Medicine – May 29th, 2014

7:00am – 8:00am Registration (2nd floor)/Poster Set-up (Room 21)

OPENING REMARKS

8:00am – 8:15am **Zahi A. Fayad, PhD** (Director, Translational & Molecular Imaging Institute)

8:15am – 8:30am **Dennis Charney, MD** (Dean, Icahn School of Medicine at Mount Sinai)

KEYNOTE ADDRESS – Moderator: Rita Goldstein, PhD

8:30am – 9:30am **John Darrell Van Horn, PhD** (University of Southern California, Los Angeles, CA)
“The Mapping of Structural and Connectomic Alteration in Traumatic Brain Injury”

SESSION I – NEUROIMAGING –Moderator: Priti Balchandani, PhD

9:30am – 10:15am **N. Jon Shah, PhD** (Forschungszentrum Juelich GmbH; Jülich, Germany)
“Multimodal simultaneous Imaging: Advances in MR-PET-EEG 3T and 9.4T in Humans”
10:15am – 10:30am **Zafer Iscan, PhD** (Stony Brook University, Stony Brook, NY)
“Understanding the Relationship Between Brain Serotonin Transporter Binding and Anxiety Using Positron Emission Tomography (PET)”

10:30am – 10:45am **Break**

SESSION II – CARDIOVASCULAR IMAGING –Moderator: Venkatesh Mani, PhD

10:45am – 11:30am **Sebastian Kozerke, PhD** (University of Zurich; Zurich, Switzerland)
“Beyond Nyquist – Accelerated Cardiovascular Magnetic Resonance Imaging”
11:30am – 11:45am **Philip M. Robson, PhD** (Icahn School of Medicine at Mount Sinai, New York, NY)
“Motion Correction for Combined ¹⁸F-FDG MR/PET Imaging of the Liver: Pilot Studies”

POSTER SESSION – Moderators: Bachir Taouli, MD, Venkatesh Mani, PhD, Gordon Xu, PhD, Cheuk Tang, PhD, Willem Mulder, PhD

11:45am – 1:45pm **Poster Viewing** (Room 21)

12:15pm – 1:45pm **Lunch**

SESSION III – CANCER & BODY IMAGING –Moderator: Bachir Taouli, MD

1:45pm – 2:30pm **Andrew Rosenkrantz, MD** (NYU Langone Medical Center; New York, NY)
“Prostate Cancer: Defining a New Clinical Paradigm Through Multi-parametric MRI”
2:30pm – 2:45pm **Guido H. Jajamovich, PhD** (Icahn School of Medicine at Mount Sinai, New York, NY)
“DCE-MRI of hepatocellular carcinoma: perfusion quantification with Tofts model vs. shutter-speed model. Initial experience”

2:45pm – 3:15pm **Break**

SESSION IV – NANOMEDICINE –Moderator: Willem Mulder, PhD

3:15pm – 4:00pm **C. Shad Thaxton, MD, PhD** (Northwestern University, Evanston, IL)
“Therapeutic Opportunities for High Density Lipoprotein Nanoparticles”
4:00pm – 4:15pm **Tina Binderup, PhD** (Icahn School of Medicine at Mount Sinai, New York, NY)
“PET/MRI to predict and quantify the uptake of ⁸⁹Zr-labeled nanoparticles in the aortic wall of atherosclerotic rabbits”

CLOSING REMARKS

4:15pm – 4:30pm **Burton P. Drayer, PhD** (Chairman, Department of Radiology)

4:30pm **Zahi A. Fayad, PhD**