

May 29th, 2014
Registration Still Open!

Location:
**New York Academy
of Medicine**

Opening Remarks

Zahi A. Fayad, PhD

Director TMII

Icahn School of Medicine at Mount Sinai

Dennis Charney, MD
Dean, Icahn School of
Medicine at Mount Sinai

Keynote John Darrell Van Horn, PhD

The Mapping of Structural and Connectomic Alteration in Traumatic Brain Injury

University of Southern California

Neuroimaging

Jon Shah, PhD

Multimodal Simultaneous Imaging: Advances in MR-PET-EEG 3T and 9.4T in Humans

Forschungszentrum Juelich GmbH



Cardiovascular Imaging

Beyond Nyquist – Accelerated Cardiovascular Magnetic Resonance Imaging

Cancer & Body Imaging

Andrew Rosenkrantz, MD

Prostate Cancer: Defining a New Clinical Paradigm Through Multi-parametric MRI

New York University

Nanomedicine

C. Shad Thaxton, MD, PhD

Therapeutic Opportunities for High Density Lipoprotein Nanoparticles

northwestern University

Closing Remarks

Barrett Bryant Chair, Radiology

Icahn School of Medicine at Mount Sinai

For open registration and more information visit: tmii.mssm.edu/symposium

Translational and Molecular Imaging Institute - TMII

Leon and Norma Hess Center for Science and Medicine

1470 Madison Avenue (between 101st and 102nd St) - 1st Floor New York, NY 10029

*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

Zahi A. Fayad, PhD (Director, Translational & Molecular Imaging Institute)

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 ^{18}F -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

Poster Session Moderators: Bachti Rasouli, PhD, Venkateshwaran, 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. speed model. Initial experience"

2:45pm - 3:15pm

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 ^{89}Zr -labeled nanoparticles in the aortic wall of atherosclerotic rabbits"

CLOSING REMARKS

Burton P. Drayer, PhD (Chairman, Department of Radiology)

4:30pm Zahia A. Fayad, PhD