SYMPOSIUM SCHEDULE

8:00am – 8:30am  Check-in / Walk-up Registration / Poster Set-up (2nd floor)  
                    Refreshments and Light Breakfast

OPENING REMARKS

8:30am – 8:45am  Zahi Fayad, PhD (Director, Translational & Molecular Imaging Institute)

8:45am – 9:00am  Adam Margolin, PhD (Chair, Genetics and Genomics Sciences)

KEYNOTE ADDRESS – Moderator: Bachir Taouli, MD

9:00am – 10:00am Yann LeCun, PhD (Facebook; Menlo Park, CA)  
                    “Power and Limits of Deep Learning for Image Understanding”

10:00am – 10:30am Break

SESSION I – NEUROIMAGING – Moderator: Priti Balchandani, PhD

10:30am – 11:15am Russell Poldrack, PhD (Stanford University; Palo Alto, CA)  
                    “The Dynamics of Human Brain Function”

11:15am – 11:30am Jack Rutland, BA (Icahn School of Medicine at Mount Sinai, New York, NY)  
                    “Hippocampal Subfield-specific Tractography in Epilepsy Patients at 7T”

SESSION II – Cardiovascular Imaging – Moderator: Claudia Calcagno, MD, PhD

11:30am – 12:15pm Dorin Comaniciu, PhD (Siemens Healthineers; Princeton, NJ)  
                    “Engineering the Heart: Towards Personalized Cardiac Models for Therapy”

12:15pm – 12:30pm Sharon Barazani, BS (Icahn School of Medicine at Mount Sinai; New York, NY)  
                    “Detection of Uric Acid Crystals in the Vasculature of Patients with Tophaceous and Non-Tophaceous Gout Using Dual-Energy Computed Tomography”
Lunch

POSTER SESSION – Moderators: Bachir Taouli MD, Chiara Giannarelli, MD, PhD, Carlos Perez-Medina, PhD, Cheuk Tang, PhD, Kambiz Nael, MD

Poster Viewing

SESSION III – NANOMEDICINE – Moderator: Mandy van Leent, MD

James Moon, PhD (University of Michigan; Ann Arbor, MI)
“Engineered nanomaterials for cancer immunotherapy”

Alexandros Marios Sofias, MSc (Norwegian University of Science and Technology; Trondheim, Norway)
“Hitchhiking with immune cells: Dominant tumor targeting mechanism for cRGD-modified nanoparticles”

Break

SESSION IV – CANCER & BODY IMAGING – Moderator: Sara Lewis, MD

Olivier Gevaert, PhD (Stanford University; Palo Alto, CA)
“Multi-scale AI for modeling of complex diseases”

Octavia Bane, PhD (Icahn School of Medicine at Mount Sinai; New York, NY)
“Multiparametric MRI of renal transplant: preliminary comparison of advanced MRI parameters in renal transplant patients with stable allograft function and chronic allograft dysfunction with established fibrosis”

AWARDS & CLOSING REMARKS

Maria Giovanna Trivieri, MD, PhD (Icahn School of Medicine at Mount Sinai; New York, NY)
Zahi Fayad, PhD (Director, Translational & Molecular Imaging Institute)

Windows to Our Body Art Exhibition

April 26 - May 3
Grady Alexis Gallery at El Taller (215 E 99th St.)