

**Institute for Innovation in Imaging
Symposium on Translational Imaging in Inflammation**

October 28th & 29th
Online: gather.town

Final Agenda

DAY ONE (October 28, 2021)

Registration (platform introduction) 7:30-8:00

Introduction – Moderated by John Chen

Welcome	8:00 - 8:05	James Brink, MD MGH
Introduction	8:05 - 8:15	John Chen, MD, PhD MGH
Biology of Inflammation	8:15 - 8:45	Fil Swirski, PhD Mt. Sinai
Molecular Imaging Primer	8:45 - 9:15	Pedram Heidari, MD MGH
Q&A	9:15 - 9:45	

Neurological Diseases – Moderated by Jacob Hooker

Clinical needs	9:45 - 10:15	Eric Klawiter, MD MGH
Established techniques	10:15 - 10:45	Susie Huang, MD, PhD MGH
Emerging techniques	10:45 - 11:15	Jacob Hooker, PhD MGH
Q&A	11:15 - 11:45	

Lunch Break 11:45 - 12:30

Cardiovascular Diseases – Moderated by David Sosnovik

Clinical needs	12:30 - 1:00	Peter Libby, MD BWH
Established techniques	1:00 - 1:30	David Sosnovik, MD MGH
Emerging techniques	1:30 - 2:00	John Chen, MD, PhD MGH
Q&A	2:00 - 2:30	

Pulmonary Diseases – Moderated by Peter Caravan

Biology and Imaging of Acute Lung Injury	2:30 - 3:00	Marcos Vidal Melo, MD, PhD MGH
Molecular Imaging Advances for Diffuse Lung Disease	3:00 - 3:30	Delphine Chen, MD Univ. Washington
Improved Prediction of Lung Transplant Outcomes using Advancing Imaging Techniques		
During Organ Preservation	3:30 - 4:00	Rahim Rizi, PhD UPenn
Q&A	4:00 - 4:30	

Poster Session 4:30 - 6:00

DAY TWO (October 29, 2021)

Registration (platform introduction) 7:30-8:00

Oncological Diseases – Moderated by Umar Mahmood

Clinical needs	8:00 - 8:30	Miles Miller, PhD MGH
Established techniques	8:30 - 9:00	Steve Cho, MD Univ. Wisconsin
Emerging techniques	9:00 - 9:30	Umar Mahmood, MD, PhD MGH
Q&A	9:30 - 10:00	

Gastrointestinal Diseases – Moderated by Anthony Samir

Biomarkers in Gastrointestinal Inflammation:

fundamental concepts	10:00 - 10:30	Anthony Samir, MD MGH
Existing Biomarkers	10:30 - 11:00	Michael Gee, MD, PhD MGH
Novel Biomarkers	11:00 - 11:30	Peter Caravan, PhD MGH
Q&A	11:30 - 12:00	

Lunch Break 12:00 - 1:00

Systemic Evaluation – Moderated by Hakho Lee

Imaging system inflammation	1:00 - 1:30	Ahmed Tawakol, MD MGH
Host defense/Immune response	1:30 - 2:00	Matthias Nahrendorf, MD, PhD MGH
Liquid biopsy/biomarker development	2:00 - 2:30	Johan Skog, PhD Exosome Dx
Q&A	2:30 - 3:00	

Imaging Biomarkers and Drug Development – Moderated by Matt Dubach

Imaging biomarker qualification	3:00 – 3:30	Alex Guimaraes, MD, PhD OHSU
Industry perspective	3:30 – 4:00	David Bennett, PhD Takeda
Regulatory aspects	4:00 – 4:30	Dan Krainak, PhD FDA
Q&A	4:30 - 5:00	

Concluding Remarks 5:00