

MIDWEST PRECLINICAL IMAGING CONSORTIUM 2017

What's NEXT in PreClinical Imaging

May 14-16

Hosted by: Vanderbilt Center for Molecular Probes and Vanderbilt University Institute of Imaging Science
Student Life Center, Vanderbilt University, Nashville, TN

****Be sure to check out the meeting app for additional meeting information!
To access, go to <http://guidebook.com/g/mpic>**

Sunday, May 14

- 4:30-5:00pm Registration
- 5:00-5:20pm Welcome & Refreshments
- 5:20-5:55pm Facility Talks - Session A / Group 1
Koresh Shoghi, PhD (Washington University in St. Louis) - *MIR Small-Animal Magnetic Resonance Facility*
Koresh Shoghi, PhD (Washington University in St. Louis) - *MIR Preclinical PET/CT Imaging Facility*
Anna Bratasz, PhD (The Ohio State University) - *Small Animal Imaging Core*
**Moderator for all Facility Talk Sessions: Dr. David Stout, PhD*
- 5:55-6:30pm Facility Talks - Session A / Group 2
Paul Territo, PhD (IUPUI) - *Indiana Institute for Biomedical Imaging Sciences*
Allison Cohen, PhD (Moffitt Cancer Center) - *Moffitt's Small Animal Imaging Laboratory*
Chris Flask, PhD (Case Western Reserve University) - *CWRU Imaging Research Core*
Chin Ng, PhD (University of Louisville) - *In Vivo Molecular Imaging Core Facility*
- 6:30-6:45pm BREAK
- 6:45-7:20pm Facility Talks - Session B / Group 3
Chad Haney, PhD (Northwestern University) - *Center for Advanced Molecular Imaging*
Jenny Yang, PhD (Georgia State University) - *Center for Diagnostics and Therapeutics*
Jim Delikatny, PhD (University of Pennsylvania) - *Small Animal Imaging Facility*
Lara Leoni, PhD (University of Chicago) - *The Integrated Small Animal Imaging Research Resource*
- 7:20-7:50pm Facility Talks - Session B / Group 4
Justin Jeffery, PhD (University of Wisconsin-Madison) - *University of Wisconsin Small Animal Imaging Facility*
Adam Rosenberg, PhD (Vanderbilt University Medical Center) - *VU Institute of Imaging Science*
Sarah Chapman, MBA (University of Notre Dame) - *Notre Dame Integrated Imaging Facility*
- 7:50-8:00pm BREAK
- 8:00-9:00pm Plenary Session - Dr. Bernd Pichler, PhD (University of Tübingen)
Role of Quantitative Preclinical Imaging to Enhance Precision Health and Medicine
**Moderator: Dr. H. Charles Manning, PhD (Vanderbilt University Medical Center)*
- 9:00-10:00pm Banjos, Bluegrass and a Tasting Tour of the Bourbon Trail
****Sponsored by IBA****

Monday, May 15

- 8:00-9:00am Plenary Session - Dr. Sanjay Jain, MD (Johns Hopkins Children's Center)
"Barriers" Associated with Preclinical Imaging... Biosafety in the Imaging Lab
**Moderator: Dr. Jacob Houghton, PhD (Vanderbilt University Medical Center)*
- 9:00-10:00am Discussion Session - Dr. Malgorzata Klosek, PhD (National Institutes of Health)
Shared Instruments for Small Animal Imaging: The ORIP/NIH View
**Moderator: Dr. Jenny Yang, PhD (Georgia State University)*
- 10:00-10:30am COFFEE BREAK
- 10:30-11:30am Plenary Session - Dr. Jack Hoppin, PhD (inviCRO)
Multi-Modal, Multi-Resolution Translational Imaging in Drug Discovery and Development
**Moderator: Dr. Jim Delikatny, PhD (University of Pennsylvania)*



Vanderbilt Center
For Molecular Probes

Vanderbilt University Student Life Center
Gala Event at the Historic Robert's Western World

Monday, May 15 (continued)

- 11:30a-1:30pm Lunch / Vanderbilt Facility Tours
Lunch sponsored by GE
- 1:30-2:30pm Discussion Group - Susan Meyn, BS (Vanderbilt University Medical Center)
VUMC Core Facilities: Operation and Oversight of Shared Resources
**Moderator: Dr. Ronald Crowe, PhD (Emory University)*
- 2:30-3:30pm Plenary Session - Dr. Michael Nickels, PhD (Vanderbilt University Medical Center)
Automation in Radiopharmaceutical Facilities
**Moderator: Dr. James Quirk, PhD (Washington University in St. Louis)*
- 3:30-4:00pm COFFEE BREAK
- 4:00-5:00pm Discussion Group - Dr. Patrick Phelps, PhD (Sofie Biosciences)
An Industry Perspective on Trends in the Translation of Molecular Medicine
**Moderator: Dr. Mingfeng Bai, PhD (Vanderbilt University Medical Center)*
- 5:00-6:30pm *Innovations in Industry* Poster Session and Reception
- 6:45pm Shuttle Transportation from Student Life Center to Gala Event
- 7:00-10:00pm Gala Event at Robert's Western World
Sponsored by Mediso USA
**Shuttle transportation will be provided from the Student Life Center to Robert's Western World at 6:45pm. Return shuttle service to the Holiday Inn will begin at 8:30pm and run every half-hour until 10:00pm.*

Tuesday, May 16

- 8:00-9:00am Plenary Session - Dr. Mingfeng Bai, PhD (Vanderbilt University Medical Center)
Targeted Photodynamic Therapy for Cancer Treatment
**Moderator: Dr. Jim Delikatny, PhD (University of Pennsylvania)*
- 9:00-10:00am Plenary Session - Dr. Cristian Badea, PhD (Duke University)
Current and Future Role of X-Ray/CT in Preclinical Imaging
**Moderator: Dr. Michael Schulte, PhD (Vanderbilt University Medical Center)*
- 10:00-10:30am COFFEE BREAK
***Sponsored by GE**
- 10:30-11:30am Plenary Session - Dr. Ming Zhao, PhD (Northwestern University)
The Noninvasive Imaging of Tissue Injury – Technological Development and Potential Utilities
**Moderator: Dr. Michael Nickels, PhD (Vanderbilt University Medical Center)*
- 11:30a-1:30pm Lunch / Poster Session
- 1:30-2:30pm Plenary Session - Dr. Richard Bouchard, PhD (University of Texas MD Anderson Cancer Center)
Preclinical Imaging Modalities Using Sound and Light
**Moderator: Dr. Kurt Zinn, PhD (University of Alabama at Birmingham)*
- 2:30-2:45pm Closing

We thank our Sponsors for their generosity in supporting MPIC 2017!

