

# 2025 Preclinical Imaging Consortium

April 9- 11  
University of Texas MD Anderson Cancer Center



Wednesday, 4/9		Pre-Symposium: Platinum Sponsor Vendor Meeting, Hermann Hall, 7255 Helix Park Avenue, Houston, TX 77030 (2nd floor in TMC3 Collaborative Research Building)	
Vendor Meetings	9:00 am- 2:00 pm	Mediso USA FUS Instruments Precision X-ray, Inc. MILabs Bruker BioSpin USA	
Preclinical Imaging Consortium, TMC3 Helix Hall, 7255 Helix Park Avenue, Houston, TX 77030 (1st floor in TMC3 Collaborative Research Building)			
Arrival	3:00 PM- 3:30 PM	Arrival, badge distribution, set up posters, Vendor setup	
Opening Remarks	3:30 PM- 3:40 PM	Dr. Hazle and Dr. Draetta	
Keynote Speaker	3:40 PM- 4:00 PM	Natalie Serkova (University of Colorado) "Choose Your MRI Protocol Wisely: From ChemoRadiation to CAR-T Cells in Pediatric Brain Tumor Models"	
Session #1- Facility Best Practices "The New Normal" Moderated by Andrew Phillips	4:00 PM- 5:40 PM	Charles Kingsley (UT MD Anderson) "The Science vs. The Business in Pre-Clinical Imaging Facilities" Elena Carson (Fred Hutch Cancer Center) "Navigating Challenges in Animal Imaging Facilities: Some Considerations on Balancing Competing Demands" Shilli Xu (University of California Los Angeles) “A Paradise of Possibilities” Janaka Wansapura (UT Southwestern) "If You Build It, They Will Scan: Establishing and Growing a Preclinical MRI Core Lab"	
Vendor Power Pitches	5:45 PM- 6:25 PM	EMIT Imaging Revvity NVision Imaging Tech Optiscan Inc.	
Welcoming Reception Catered by The French Corner	6:30 PM- 8:30 PM	Welcoming Reception at TMC3 Helix Hall Depart	

Thursday, 4/10	8:00 AM - 8:30 AM	Networking and breakfast
<b>Session #2- Metabolic Imaging “Digesting the Research”</b> Moderated by Jim Bankson	8:35 AM- 10:15 AM	<b>Renuka Sriram</b> (University of California San Francisco) “Assessing Chemotherapy Response in Neuroendocrine Metastatic Prostate Cancer: Insights from Co-Clinical Imaging Trial” <b>Yunyun Chen</b> (UT MD Anderson) "Real-Time Metabolic Imaging of Anaplastic Thyroid Carcinoma: Preclinical Studies in Animal Models" <b>Matt Merrit</b> (University of Florida) “DMRI is a flexible platform for assessing aberrant metabolism.” <b>Vikram Kodibagkar</b> (Arizona State University) "New frontiers for qualitative and quantitative MR oximetry"
	10:15 AM- 10:30 AM	Coffee break
<b>Session #3 Large Animals “Bridging the Gap Between Rodents and Humans”</b> Moderated by Jody Swain	10:30 AM- 12:05 PM	<b>Marianne Toci dlowski</b> (Houston Zoo) "Advanced imaging for the Houston Zoo" <b>Stephen Chen</b> (UT MD Anderson) "High Field Strength MRI for the Visualization of Vitreous Seeds, Choroidal Invasion and Optic Nerve Invasion in a Retinoblastoma Animal Model " <b>Youssef Wadghiri</b> (New York University) "Quantitative MRI Insights into Amyloid Vascular Pathology in Squirrel Monkeys" <b>Richard Bouchard</b> (UT MD Anderson) “Photoacoustic-Ultrasound Assessment of Myocardial Ablations in a Large-Animal Model”
	12:05 PM- 1:05 PM	Networking and lunch
<b>Session #4: Theranostics “Where Do We Go From Here?”</b> Moderated by Seth Gammon	1:05 PM- 2:15 PM	<b>Elena Zanoni</b> (UT Austin) “Theranostics: Instrumentation Challenges and Opportunities” <b>Simone Krebs</b> (UT MD Anderson) “Theranostics – Emerging Tools and Targets” <b>Charles Manning</b> (UT MD Anderson) "Preclinical Radiopharmaceutical Drug Discovery Landscape at MD Anderson"
<b>Vendor Power Pitches</b>	2:20 PM- 3:30 PM	FujiFilm VisualSonics Xodus Imaging Scintica Phantech/ Gremse (4 min each?) Micro Phototonics Analyze Direct Molecubes / Molecular Imaging
	3:30 PM- 3:45 PM	Coffee break
<b>Session #5 Standardization and AI Efforts in Pre-Clinical Imaging</b> Moderated by Chad Haney	3:45 PM- 4:55 PM	<b>Dariya Malyarenko</b> (University of Michigan) "ADC Repeatability and Reproducibility on Pre-Clinical MRIs: CIRP Diffusion Phantom Round-Robin" <b>Robert Miyaoka</b> (University of Washington) "Challenges and Opportunities for Standardization of Preclinical PET/CT” <b>Ryan Gessner</b> (Revvity) "Introducing Nimbus AI - An Example of Revvity’s Approach to Innovation via Collaboration"

	4:55 PM- 5:15 PM	Happy Hour Break donated by Saloon Door Brewing
<b>Vendor Power Pitches</b>	5:15 PM- 6:25 PM	SII (Spectral Instruments Imaging), OmCT FUS Instruments Mediso MILabs Precision X-ray, Inc.
	6:30 PM- 7:00 PM	Leave for The Rustic via shuttle service.
<b>Offsite Event - The Rustic</b> 1836 Polk Street Houston, TX 77003	7:00 PM- 10:00 PM	Offsite Event- The Rustic Shuttles depart from The Rustic to return to TMC3 Collaborative Research Building at 10:00 pm.
<b>Friday, 4/11</b>	8:00 AM- 8:30 AM	Networking and breakfast
<b>Session #6- Young Investigators “The Future”</b> Moderated by Jared Robinson	8:30 AM- 10:05 AM	<b>Rafet Basar</b> (UT MD Anderson) "Advancing Cancer Immunotherapy: The emerging role of engineered NK cells" <b>Jerzy Szablowski</b> (Rice University) "Monitoring and controlling the brain with Noninvasive Neuroengineering" <b>Ashley Makela</b> (Michigan State University) “Magnetic Particle Imaging: Shaping the Future of Cell Tracking and Targeted Therapies” <b>Eleonora Dondossola</b> (UT MD Anderson) "Integrated modeling of bone metastasis to dissect and overcome cancer therapy failure"
	10:05 AM- 10:15 AM	Coffee break
<b>Vendor Power Pitches</b>	10:15 AM- 11:00 AM	MR Solutions Kubtec Scientific inviscan MH3D Inc. Qscint WMIS
<b>Keynote Lecture</b>	11:00 AM- 11:20 AM	<b>Tim Heffernan</b> (UT MD Anderson) “TBD”
<b>Closing Remarks</b>	11:20 AM- 11:30 AM	Dr. Hazle and Dr. Bankson
<b>Lab Tours</b>	11:30 AM- 12:30 AM	Small Animal Imaging Facility Lab and Cyclotron Radiopharmaceutical Facility Tours
	12:30 PM	Boxed lunches to go
<b>New Technology Demo (3SCRB)</b>	2:00 PM- 5:00 PM	NVision Imaging Technologies GmbH