



2015 UNC Small Animal Imaging Symposium

Thursday, October 22th, 2015
Bioinformatics Auditorium 1131/Marsico Hall
School of Medicine, UNC Chapel Hill

Time	Content	Location
8:00- 8:10 AM	Welcome Hong Yuan, PhD, Director, BRIC SAI Facility, Radiology, UNC-CH	Bioinformatics Bldg Auditorium 1131
8:10- 8:40 AM	Clinical Challenges: the Human Side of Imaging Terry Wong, MD, PhD, Director BRIC Molecular Imaging, BRIC, Radiology, UNC-CH	Bioinformatics Bldg Auditorium 1131
8:40- 9:10 AM	Developing PET Imaging Probes for Preclinical Research Zibo Li, PhD, Director of Cyclotron and Radiochemistry, BRIC, Radiology, UNC-CH	Bioinformatics Bldg Auditorium 1131
9:10- 9:40 AM	Novel Chelation Strategies for ⁸⁹Zr Thaddeus J. Wadas, PhD, Director, Radiochemistry Service and Cyclotron, Radiology, Wake Forest University	Bioinformatics Bldg Auditorium 1131
9:40- 10:10 AM	Magnetic Resonance Histology G. Allan Johnson, PhD, Center for In Vivo Microscopy, Radiology, Duke University	Bioinformatics Bldg Auditorium 1131
10:10- 10:30 AM	Coffee Break	Bioinformatics Atrium
10:30- 11:00 AM	Up and Down of FMRI Signals in the Striatum Ian Shih, PhD, Director, Small Animal MR Imaging, BRIC, Neurology, UNC-CH	Bioinformatics Bldg Auditorium 1131
11:00- 11:30 AM	Diffusion MRI: A Messy Story of Meatball and Spaghetti Sheng-Kwei (Victor) Song, PhD, Radiology, Washington University in St. Louis	Bioinformatics Bldg Auditorium 1131
11:30- 12:00 PM	Hyperpolarized Xenon Gas: a New Magnetic Resonance Imaging Probe for the Detection of Brown Adipose Tissue Mass and Temperature Tamara Branca, PhD, BRIC, Physics and Astronomy, UNC-CH	Bioinformatics Bldg Auditorium 1131
12:00 -1:40 PM	Lunch break / Industry Exhibition/ Poster Presentation/ Mini-Lunch Talk	Marsico Hall Lobby
	1:00-1:15 pm 3-Q SPECT and Simultaneous Sub-mm PET-SPECT of Molecules and Organs in Action	Marsico RM 2004
	1:15-1:30 pm High resolution ultrasound applications in small animal research	Marsico RM 2004
1:40-2:10 PM	Applications of Contrast Ultrasound for Preclinical Imaging Paul Dayton, PhD, Biomedical Engineering, UNC-CH	Bioinformatics Bldg Auditorium 1131
2:10- 2:40 PM	Quantitative Intravital Microscopy of Tumor Physiology, Hemodynamics, and Immune Function Greg Palmer, PhD, Radiation Oncology, Duke University	Bioinformatics Bldg Auditorium 1131
2:40- 3:10 PM	Developing Stem Cell Drug Carriers for Cancer Therapy with the Use of Optical Imaging Shawn Hingtgen, PhD, Molecular Pharmaceutics, UNC-CH	Bioinformatics Bldg Auditorium 1131
3:15-5:00 PM	Lab Demo (Staff guided imaging demonstration)	Marsico Hall, SB210

