

Pre-Clinical MRI Core Opening Symposium
September 19th at UTSW Medical Center, West Campus Building 3 Classroom 9.406
2001 Inwood Rd, TX 75390

08:30 am – 09:00 am	Anke Henning and Janaka Wansapura Welcome, Introduction and Pre-Clinical MRI Core Overview
09:00 am – 09:30 am	Dean Sherry “Next generation MRI contrast agents: The design of Gd agents that respond to physiology”
09:30 am – 10:00 am	Ralph Mason “Exploring vasculature, perfusion, oxygenation and hypoxia with multiple imaging modalities at UTSW”
10:00 am – 10:15 am	Break
10:15 am – 10:45 am	Jae Mo Park “Towards sub-millimeter ¹³ C MRI in mice with new preclinical equipment”
10:45 am – 11:15 am	Todd Sasser “Multiparametric PET/MR and Studies in Preclinical Disease Models”
11:15 am – 11:45 am	Nian Wang “High-resolution diffusion and susceptibility MRI in rodents”
11:45 am – 12:45 pm	Lunch
12:45 pm – 01:45 pm	Diana Lindquist, Todd Sasser, Core-staff Tour of facility and demonstrations
01:45 pm – 02:05 pm	Ian Corbin “Image-guided drug delivery approaches for cancer treatment”
02:05 pm – 02:25 pm	Ananth Madhuranthakam “Perfusion MRI to understand pathophysiology in preclinical studies”
02:25 pm – 02:45 pm	Prasanna Alluri “Modeling radiation-induced cardiotoxicity in laboratory mice and cancer”
02:45 pm – 03:00 pm	Break
03:00 pm – 03:30 pm	Alan Jasanoff “Molecular fMRI”
03:30 pm – 04:00 pm	Diana Lindquist “Thinking beyond the proton box: X-nuclear MRI & MRS”
04:00 pm – 04:30 pm	Nan Li “Awake small animal fMRI studies at AIRC”
04:30 pm – 05:00 pm	Guiyang Hao “Clinical, translational, and basic biomedical research opportunities enabled by the cyclotron and radiochemistry program”