

# Preclinical Imaging Symposium

## March 17, 2023 Schedule

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- 8 a.m.** Registration/Breakfast
- 8:30 a.m.** Introductory Remarks and MR Solutions System Overview  
**Jérôme Burnet**, senior applications specialist, MR Solutions Ltd.

### Session I: Preclinical MRI Imaging

Moderator: **Luis Colon-Perez, PhD**

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- 9 a.m.** “Opportunities (and Quirks) of Preclinical Imaging”  
**James Quirk, PhD**, associate professor of radiology, Washington University School of Medicine, Biomedical Magnetic Resonance Laboratory
- 10 a.m.** “Engineering Quantitative MRI Methods to Probe the Pathogenesis of Type 2 Diabetes”  
**Scott C. Beeman, PhD**, assistant professor, School of Biological & Health Systems Engineering Arizona State University
- 11 a.m.** “From Mouse to Man: Imaging Bridges Across the Translational Gap”  
**Peter Fox, MD**, Director, Research Imaging Institute, UT Health San Antonio

### Lunch and Posters

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- Noon - 12:30 p.m.** Demos I & II, **Preclinical imaging facility equipment**

### Session II: Preclinical PET Imaging

Moderator: **Michael Mathis, PhD**

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- 1 p.m.** “Preclinical and Translational Research Towards Positron Emission Tomography Imaging of Kidney Cancer”  
**Xiankai Sun, PhD**, director, Cyclotron & Radiochemistry Program, UT Southwestern Medical Center
- 2 p.m.** “Development of a Radiopharmaceutical at the Intersection of Redox Chemistry and Innate Immunity”  
**Seth T. Gammon, PhD**, Department of Cancer Systems Imaging, Division of Diagnostic Imaging, MD Anderson Cancer Center
- 3 p.m.** “Pre-Clinical PET Imaging using Radiometals”  
**Buck Rogers, PhD**, associate director, Cancer Biology Division, Professor of Radiation Oncology, Washington University School of Medicine
- 4 p.m.** “Applications of preclinical simultaneous PET and MR imaging: in neuroscience and immunotherapy”  
**Naomi Sta Maria, PhD**, assistant professor of research physiology and neuroscience, University of Southern California, Zilkha Neurogenetic Institute
- 5 p.m.** Closing Remarks
- 5:10 p.m.** Demo III, **Preclinical imaging facility equipment**