IUPUI Imaging Research Symposium
CARDIOVASCULAR IMAGING
Friday, October 16, 2015
IUPUI University Library, Lilly Auditorium
1:00 pm – 5:00 pm

PRELIMINARY PROGRAM

1:00 – 1:05 PM  Welcome & Introductory Remarks
Gary D. Hutchins, PhD
(John W. Beeler Professor of Radiology; Vice Chair for Research, Department of Radiology; Chair, IUPUI Imaging Research Initiative Council)

Session 1.  (Moderator: Michael S. Sturek, PhD, Professor and Chair, Cellular & Integrative Physiology, Indiana University School of Medicine; Biomedical Engineering, Purdue University)
1:05 – 1:10 PM  “Introduction: Calcium is King/Queen in Cardiovascular Health and Disease”
1:10 - 1:40 PM Sharon M. Moe, MD
(Stuart A. Kleit Professor of Nephrology; Director, Division of Nephrology, Indiana University School of Medicine)
“At the Heart of the Matter: Vascular Calcification Imaging from Cell to Humans”

1:40 - 2:30 PM Abass Alavi, MD
(Professor of Radiology and Neurology; Director of Research Education; Department of Radiology, Perelman School of Medicine, University of Pennsylvania)
KEYNOTE ADDRESS: “Emerging Role of PET Based Molecular Imaging Techniques in Assessing Atherosclerosis”

2:30 – 3:00 PM Manuel Navedo, Ph.D
(Associate Professor, Department of Pharmacology, University of California-Davis)
“Capturing Single Calcium Channels with Optics”

3:00 - 4:00 PM  Break and Poster Viewing  (Lilly Auditorium Lobby)

Session 2.  (Moderator: Mark R. Holland, PhD; IUPUI Imaging Research Initiative)
“Imaging Structure and Composition”

4:00 – 4:30 PM Ji-Xin Cheng, PhD
(Professor of Biomedical Engineering and of Chemistry, Purdue University)
“Vibrational Spectroscopic Imaging of Living Systems: Emerging Platform for Biology and Medicine”

4:30 - 5:00 PM Craig Goergen, Ph.D.
(Assistant Professor, Weldon School of Biomedical Engineering, Purdue University)
“Cardiac and Vascular Small Animal Ultrasound”