

CME-accredited ICMIC Seminar Series

2015-2019

02/11/15	Louis Doré-Savard, PhD Post Doc Fellow JHU Dept. of Radiology	Characterization of Tumor Interstitial Fluid and Bacterial Cytosine Deaminase for Lung Metastases	Stoll Conf Room
04/01/15	Timothy Witney, PhD Post Doc Fellow Stanford University	Imaging Aberrant Tumor Metabolism with Positron Emission Tomography	Stoll Conf Room
04/08/15	Mike McMahon, PhD Associate Professor KKI Kirby Research Center	Developing CEST MRI Approaches for Breast Cancer	Stoll Conf Room
04/15/15	Dmitri Artemov, PhD Associate Professor JHU Dept. of Radiology	Image Guided Therapy of Breast Cancer	Stoll Conf Room
04/16/15	N. R. Jagannathan, PhD Professor All India Institute of Medical Sciences	MR based Multi-parametric Approach in Breast Cancer Research	Stoll Conf Room
06/25/15	Paul Winnard, PhD Research Associate JHU Dept. of Radiology	Molecular Imaging of a Myoblast Reporter and <sup>1</sup> H MR Spectroscopy to Detect Pancreatic Cancer Induced Cachexia	Stoll Conf Room
07/08/15	Steven Connolly, PhD Professor UC Berkeley	Magnetic Particle Imaging: Noninvasive Biomedical Imaging with Superb Contrast, Penetration, Safety and 200 nM Sensitivity	Stoll Conf Room
07/15/15	Jiefu Jin, PhD Post Doc Fellow JHU Dept. of Radiology	Cancer Cell Membrane Cloaked Polymeric Nanoparticles & Characterizing pHe in Hypoxic Regions in Tumor	Stoll Conf Room
8/12/15	Laura Wood, MD, PhD Assistant Professor JHU Dept. of GI Liver Pathology	Pancreatic Cancer: From Cellular Precursors to Massive Metastases	Stoll Conf Room
08/19/15	Samata Kakkad, PhD Research Associate JHU Dept. of Radiology	HIF Modulation of ECM in Triple Negative Breast Cancer	Stoll Conf Room
08/26/15	Xingde Li, PhD Professor of Biomedical Engineering JHU Dept. of Biomedical Engineering	Label-free Optical Micro Imaging of Tissue Histology in vivo	Stoll Conf Room
09/09/15	Robert Ivkov, PhD Assistant Professor JHU SKCCC	Cancer, Magnets, and Heat: The Promise of Nanomedicine	Stoll Conf Room
09/30/15	Moriel Vandsburger, PhD Assistant Professor University of Kentucky	Advanced Cardiac Chemical Exchange Saturation Transfer MRI for In Vivo Molecular MRI	Stoll Conf Room
10/14/15	Yuchuan Wang, PhD Assistant Professor JHU Dept. of Radiology	Quantitative Molecular Imaging and Co-Clinical Trials	Stoll Conf Room

Thursday, January 30, 2020

10/21/15	Antonio Wolff, PhD Professor of Oncology JHU SKCCC	Integrating Predictive Biomarker Testing in Breast Cancer Care	Stoll Conf Room
11/04/15	Takanari Inoue, PhD Associate Professor JHU Depts. of Cell Biology, Pharmacology & Molecular Sciences	Visualizing and Manipulating AMPK and Aurora Kinase in Living Cells	Stoll Conf Room
11/11/15	Vikas Kundra, MD, PhD Professor Univ. of Texas MD Anderson Cancer Center	Imaging Exogenous Gene Expression	Stoll Conf Room
11/18/15	Catherine Foss, PhD Instructor JHU Dept. of Radiology	Imaging, Infection and Inflammation <i>in vivo</i>	Stoll Conf Room
12/09/15	Prof. Bernd Pichler Professor University of Tubingen	PET/MR: Multiparametric Imaging in Preclinical and Translational Research	Stoll Conf Room
2/24/16	Jinyuan Zhou, PhD Associate Professor JHU Dept. of Radiology	Novel Applications of CEST/APT MRI to Brain Tumor, Stroke & other Neurological Diseases	Stoll Conf Room
4/12/16	Prof. Carolyn Mountford CEO & Director of Research TRI, Australia	Application of MR Spectroscopy to Precision Medicine	Stoll Conf Room
07/27/16	Marie-France Penet, PhD Assistant Professor JHU Dept. of Radiology	MRI & MRS of Ovarian Cancer: From Preclinical to Clinical Studies	Stoll Conf Room
08/02/16	Jiefu Jin, PhD Postdoc Fellow JHU Dept. of Radiology	Cancer Cell Membrane Coated Biomimetic Nanoparticles: Synthesis, Characterization & Functionality	Stoll Conf Room
08/31/16	Di Chang, PhD (c) JHU Visiting PhD student JHU Dept. of Radiology	Characterization and HIF-1 $\alpha$ modulation of the tumor microenvironment in prostate cancer and triple negative breast cancer	Stoll Conf Room
9/7/16	Michael Jacobs, PhD Associate Professor JHU Dept. of Radiology	Multiparametric Radiological Imaging Radiomics & Geodesics for Cancer Detection & Characterization	Stoll Conf Room
9/13/16	Gadi Cohen, PhD Postdoc Fellow Weizmann Institute of Science Rehovot, Israel	Bio-active Substrate Analogs for Visualization of Transglutaminase Isoenzymes during Embryo Implantation	Stoll Conf Room
09/21/16	Farhad Vesuna, PhD Instructor JHU Dept. of Radiology	A TWIST in Breast Cancer	Stoll Conf Room
09/28/16	Kristine Glunde, PhD Associate Professor JHU Dept. of Radiology	Multimodal Mass Spectrometry Imaging (MSI) of Hypoxia-driven Signaling Pathways in the Breast Tumor Microenvironment	Stoll Conf Room

10/12/16	Samata Kaddad, PhD Research Associate JHU Dept. of Radiology	COX-2 and Collagen 1 in Breast Cancer Metastasis	Stoll Conf Room
10/26/16	Tariq Shah, PhD Research Associate JHU Dept. of Radiology	Ethanolamine Kinase-1 as a Potential Therapeutic Biomarker in Human Cancers	Stoll Conf Room
11/02/16	Sridhar Nimmagadda, PhD Associate Professor JHU Dept. of Radiology	Imaging Dose-Response in Cancer Therapy	Stoll Conf Room
11/09/16	Anuradha Godavarty, PhD Associate Professor Florida International University	Diagnostic and Pre-screening of breast Cancer Using Hand-held Near-infrared Optical Imaging Systems	Stoll Conf Room
11/16/16	Noriko Mori, PhD Research Associate JHU Dept. of Radiology	Choline and Lipid Metabolism in Cancer	Stoll Conf Room
12/07/16	Venu Raman, PhD Associate Professor JHU Dept. of Radiology	Unwinding the Tumor Phenotype: Potential for Targeted Therapy	Stoll Conf Room
12/14/16	Sungeon Gene Kim, PhD Associate Professor of Radiology NYU School of Medicine	Probing Tissue Microstructure using Diffusion MRI	Stoll Conf Room
12/20/16	Yoshinori Kato, PhD Adjunct Assistant Professor JHU Dept. of Radiology	Breast Cancer Metastasis & Drug Resistance: Intrinsic Drug Resistance and Development of Prognostic Biomarker	Stoll Conf Room
12/21/16	Arvind Pathak, PhD Associate Professor JHU Dept. of Radiology	Unconventional Applications of Conventional Imaging Methods	Stoll Conf Room
01/18/17	Zhihong, Nie, PhD Assistant Professor University of Maryland	Nanoparticle Assemblies for Cancer Imaging and Therapy	Stoll Conf Room
02/08/17	Neil Spector, MD Associate Professor of Oncology Duke University School of Medicine	An Hsp90 Targeted Theranostic for Cancer Diagnosis and Treatment	Stoll Conf Room
03/01/17	Alexander Klibanov, PhD Associate Professor of Biomedical Engineering University of Virginia School of Medicine	Molecular Imaging with Targeted Microbubbles	Stoll Conf Room
04/12/17	Fahmeed Hyder, PhD Professor of Radiology & Biomedical Engineering Yale	New Horizons in Imaging Brain Metabolism	Stoll Conf Room
04/19/17	Ulrich Flogel, PhD Professor Heinrich Heine University Dusseldorf Germany	<sup>19</sup> F Magnetic Resonance Imaging: Unmasking Biomedical Hot Spots from the Background	Stoll Conf Room
05/03/17	Cynthia Zahnow, PhD Associate Professor JHU SKCCC	An Epigenetic Strategy to Sensitize Solid Tumors to Immune Checkpoint Therapy	Stoll Conf Room

05/10/17	Steven M. Larson, MD Chair of Radiology Memorial Sloan Kettering Cancer Center	Molecular Imaging and the Rise of Theranostics	Stoll Conf Room
10/4/17	Sharon Gerecht, Ph.D. Professor & Director Institute for NanoBioTechnology JHU Whiting School of Engineering	Oxygen in Cancer and Neovascularization	Stoll Conf Room
10/11/17	Hai-Quan Mao, PhD Professor, Dept. of Materials Science & Engineering JHU Whiting School of Engineering	Polymeric Nanomaterials for Therapeutic Delivery & Regenerative Engineering	Stoll Conf Room
10/18/17	Ishan Barman, PhD Assistant Professor JHU Whiting School of Engineering	Photonics and Plasmonics Meet Biology in the Cancer Cell	Stoll Conf Room
10/25/17	Kristine Glunde, PhD Professor, JHU Dept. of Radiology Klara Scupakova Maastricht Multimodal Molecular Imaging Institute	Mass Spectrometry Imaging: Molecular Eyes for Pathologists	Stoll Conf Room
11/8/17	Sridhar Nimmagadda, PhD Associate Professor JHU Dept. of Radiology	Dose-Response Immune Checkpoint Therapeutics at the Tumor	Stoll Conf Room
11/15/17	Kayvan Keshari, PhD Assistant Professor Memorial Sloan Kettering Cancer Center	Interrogating Cancer Metabolism Using Hyperpolarized Magnetic Resonance	Stoll Conf Room
12/6/17	Santosh Bharti, PhD Research Associate JHU Dept. of Radiology	Metabolomics of Tumor Macro- Environments	Stoll Conf Room
12/13/17	Jennifer Barton, PhD Professor of Biomedical Engineering University of Arizona	Miniature Optical Endoscopes for Early Detection of Cancer	Stoll Conf Room
1/31/18	Michael Jacobs, PhD Professor of Radiology & Oncology JHU Dept. of Radiology	Unsupervised Deep Learning- Looking Under The Hood: What Does It Mean for Visualization of Multiparametric Radiological Image Segmentation & Classification	Stoll Conf Room
2/7/18	Arvind Pathak, PhD Associate Professor of Radiology & Oncology JHU Dept. of Radiology	TOWARDS IMAGE-BASED SYSTEMS BIOLOGY – Applications in Cancer, Neuroscience and Tissue Engineering	Stoll Conf Room
2/14/18	Farhad Vesuna, PhD Instructor of Radiology JHU Dept. of Radiology	Targetin DDX3 in Medulloblastomas using the Small Molecule Inhibitor RK33	Stoll Conf Room
2/21/18	Venu Raman, PhD Professor of Radiology JHU School of Medicine	Translating Preclinical Data to the Clinic: Hurdles and Challenges	Stoll Conf Room
2/28/18	Dmitri Artemov, PhD Professor of Radiology JHU Dept. of Radiology	Antibody Based Drug Delivery in Cancer- Issues and Solutions	Stoll Conf Room

3/7/18	Diane Abou, PhD Instructor of Radiology JHU Dept. of Radiology	Radium-223: Production and Biological Assessment	Stoll Conf Room
3/28/18	Vinay Ayyappan Undergrad Student JHU Dept of Biomedical Engineering	Aberrant Creatine Metabolism in Breast Cancer	Stoll Conf Room
5/2/18	Britt SR Claes, PhD (c) Maastricht Multimodal Molecular Imaging Institute	Combining Mass Spectrometry Imaging and in vivo Luminescence Imaging to Study the Biomolecular Profile of Relapsed Diffuse Large B-Cell Lymphoma	Stoll Conf Room
5/9/18	Nimmi Ramanujam, PhD Robert Carr Jr. Professor of Biomedical Engineering Professor of Pharmacology & Cancer Biology Duke University	Innovations to Accelerate Improved Access across the Cancer Care Continuum	Stoll Conf Room
07/25/18	Sanjay Jain, M.D. Professor JHU Dept. of Pediatric Infectious Disease	Imaging of Infections: Bench to Bedside	Stoll Conf Room
08/29/18	Sridhar Nimmagadda, PhD Associate Professor JHU Dept. of Radiology	A non-invasive Tool to Quantify the Activity of PD-L1 Therapeutics at the Tumor	Stoll Conf Room
9/19/18	Caitlin Tressler, PhD Post Doc Fellow JHU Dept. of Radiology	Altered Metabolism in Breast Cancer: Examining the Role of Glutamine and Choline	Stoll Conf Room
9/26/18	Norma Kanarek, PhD, MPH Associate Professor JHBSPH & SKCCC	Big Picture Cancer Prevention and Control	Stoll Conf Room
10/17/18	Elizabeth Hillman, PhD Professor of Biomedical Engineering Columbia University	Capturing Dynamic Brain and Tissue Function with High-speed, Multi-scale Optical Imaging and Microscopy	Stoll Conf Room
10/24/18	Zoltan Takats, PhD Professor of Analytical Chemistry Imperial College of London	Mass Spectrometric Imaging and In-vivo Mass Spectrometry - A New Era in Understanding Tissue Biology	Stoll Conf Room
11/7/18	David Bonekamp, PhD Professor Deutsches Krebsforschungszentrum German Cancer Research Center	Radiomics and Deep Learning in Oncology: Examples in Prostate, Brain and Breast Cancer	Stoll Conf Room
11/14/18	Jerry Glickson, PhD Professor of Radiology University of Pennsylvania	NMR Studies of Lonidamine: Mechanism of Action and Effects on Melanoma and other Cancers	Stoll Conf Room
12/5/18	Balaji Krishnamachary, PhD Research Associate JHU Dept. of Radiology	Theranostic Approach in Targeting Prostate Cancer	Stoll Conf Room
12/12/18	Paul Winnard, PhD Research Associate JHU Dept. of Radiology	Chameleons on the Move: New Insights into Metastatic Progression & Its Treatment	Stoll Conf Room

1/30/19	Hyunsuk Shim, PhD Professor of Radiology Emory University School of Medicine	Feasibility and Safety of Radiation Therapy Dose Escalation Guided by Spectroscopic MRI in GBM Patients	Stoll Conf Room
3/13/19	Per Andren, PhD Professor of Mass Spectrometry Imaging Uppsala University, Sweden	Complete Mapping of Brain Neurotransmitter Networks by Mass Spectrometry Imaging Exposes Novel Alterations in Parkinson's Disease in L-Dopa Induced Dyskinesia	Stoll Conf Room
3/20/19	Raj Puri, PhD Director, Division of Cellular & Gene Therapies FDA	Targeting Tumor Specific Receptors for Cancer Therapy by Cancer Vaccines and Cellular Immunotherapy	Stoll Conf Room
4/10/19	Kim Butts-Pauly, PhD Professor of Radiology Stanford University	MR-guided focused ultrasound Blood Brain Barrier Opening	Stoll Conf Room
4/17/19	Elizabeth Jaffee, PhD Professor JHU SKCCC	Turning the Heat up on Pancreatic Cancer: Lessons on Overcoming a "Cold" Immunologic Micro-environment	Stoll Conf Room
5/1/19	Jonathan Powell, MD, PhD Professor JHU SKCCC	Targeting Tumor Metabolism to Enhance Immunotherapy	Stoll Conf Room