

MGHfC Digestive Disease Summer Research Symposium

Friday, August 12th 2016

Building 114 - 1st Floor Conference Room D1,D2,D3

7:50 – 8:10 am

Welcome Breakfast

8:10 – 8:15 am

Bryan Hurley PhD Director - MGHfC Digestive Disease Summer Research Program
Assistant Professor of Pediatrics, Harvard Medical School

Introduction & Opening Remarks

8:15 – 8:30 am

Joanna Jiang Pennsylvania State University Shi Lab
"Cytokine and helminth effects on adipocyte differentiation and gene expression"

8:30 – 8:45 am

Eric Ell University of Connecticut Irimia Lab
"Red Blood Cell Interaction with Neutrophil Extracellular Traps "

8:45 – 9:00 am

Gabriela Fuentes Northern Illinois University Harris Lab
"Vibriocidal assay optimization through the use of a monoclonal antibody "

9:00 – 9:15 am

Nabeal Aljabban University of Michigan-Flint Cherayil Lab
"Iron dependent adhesion of Salmonella Typhi to mammalian cells"

9:15 – 9:30 am

Shivkumar Tankalwala Suffolk University Faherty /Fasano Lab
"Identification of OspE1/E2 adhesin complex in shigella flexneri"

9:30 – 9:45 am

Tiffany Chen Boston University Göbel Lab
"Dissecting the role of the actin cytoskeleton in membrane polarity in the C. elegans intestine"

9:45 – 10:00 am

Rachel Levantovsky UMass Amherst Ausubel Lab
"Identification of Novel Anti-Infective Compounds for E. faecalis Infection Using Whole Animal Screens"

10:00 – 10:15 am

Margaret Anne Smith Smith College Ausubel Lab
"The role of CprA in Pseudomonas virulence and host colonization"

10:15 – 10:30 am

Coffee Break

10:30 – 10:45 am

Jin Woo Kim Massachusetts Institute of Technology Tearney Lab
"In vivo Microscopic Assessment of Airway Clearance using Micro-Optical Coherence Tomography "

10:45 – 11:00 am

Karim Djebali Paul Sabatier University Walker Lab
"Effect of probiotics on immature enterocytes growth"

11:00 – 11:15 am

Emily Moran Connecticut College Fasano Lab
"Role of Zonulin and Haptoglobin Phenotypes in Inflammatory Bowel Disease"

11:15 – 11:30 am

Jeeva Jacob College of the Holy Cross Shreffler Lab
"The Role of Epigenetics in T cell Gene Expression Differences Between Peanut Allergic and Tolerant Individuals"

11:30 – 11:45 am

Alyssa Robinson Tufts University School of Medicine Fiechtner /Walker lab
"Association Between Maternal Gestational Weight Gain and Infant Intestinal Microbiome"

11:45 – 12:45 pm

W. Allan Walker, MD Conrad Taff Professor of Nutrition, Harvard Medical School
Professor of Nutrition, Harvard School of Public Health
Professor of Pediatrics, Harvard Medical School

Introduction of Our Invited Guest Speaker for 2016

Rachel Rosen, MD, MPH Director, Aerodigestive Center, Boston Children's Hospital
Assistant Professor of Pediatrics, Harvard Medical School

<http://www.childrenshospital.org/researchers/rachel-rosen>

"Coming up for air: the impact of gastroesophageal reflux on the lung"

12:45 – 12:50 pm

Bryan Hurley, PhD

Concluding Remarks & Acknowledgements

12:50 pm

Lunch