

MGHfC Digestive Disease Summer Research Symposium

Friday, August 17th 2018

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

7:30 – 7:55 am	Welcome Breakfast		
7:55 – 8:00 am	Bryan Hurley PhD	Introduction & Opening Remarks	
	Director - MGHfC Digestive Disease Summer Research Program Assistant Professor of Pediatrics, Harvard Medical School		
8:00 – 8:15 am	Frida Gorreja	Örebro University	Mentor: <u>W. Allan Walker MD</u>
	<i>"Targeting Fetal Intestinal Epithelium: Investigation of mechanism of action of Polysaccharide-A expressed from Bacteroides fragilis"</i>		
8:15 – 8:30 am	Shravya Sakunala	Tufts University	Mentor: <u>Stefania Senger, PhD</u>
	<i>"Effect of Butyrate on Host-Salmonella Typhi Early Interaction "</i>		
8:30 – 8:45 am	Navin Jayaswal	Rutgers University	Mentor: <u>Bobby J. Cherayil MD</u>
	<i>"STAT-3 activation in Salmonella infection "</i>		
8:45 – 9:00 am	Michelle Wang	Harvard University	Mentor: <u>Guillermo J. Tearney MD, PhD</u>
	<i>"Dynamic μ-Optical Coherence Tomography "</i>		
9:00 – 9:15 am	Jennifer Ihedioha	Tufts University	Mentor: <u>Staci D. Bilbo, PhD</u>
	<i>"Modeling birth interventions: What is the role of oxytocin signaling at birth for the developing gastrointestinal system? "</i>		
9:15 – 9:30 am	Olivia Mosto	MCPHS	Mentor: <u>Madhusmita Misra, MD, MPH</u>
	<i>"How Hungry Am I Really?' Do Hormonal Changes Underlie Self-reported Hunger In Anorexia Nervosa?"</i>		
9:30 – 10:35 pm	2018 Keynote Lecture - Lee M. Kaplan, MD, PhD		
	W. Allan Walker MD	Introduction of Keynote Speaker	
	Conrad Taff Professor of Nutrition, Harvard Medical School Professor of Nutrition, Harvard School of Public Health, Professor of Pediatrics, Harvard Medical School		
	Lee M. Kaplan, MD, PhD	<i>"Rethinking Obesity: Bending the Growth Curve of an Unforgiving Disease"</i>	
	Director, Obesity, Metabolism and Nutrition Institute, Massachusetts General Hospital Associate Professor of Medicine, Harvard Medical School		
10:35 – 10:50 am	Coffee Break		
10:50 – 11:05 am	Angelica Rose Galvan	University of Michigan	Mentor: <u>Daniel Irimia MD, PhD</u>
	<i>"The Role of Temperature in NET Formation During Neutrophil Swarming"</i>		
11:05 – 11:20 am	Roza Wineh	Smith College	Mentor: <u>Wayne G. Shreffler MD, PhD</u>
	<i>"Assaying protection after peanut oral immunotherapy "</i>		
11:20 – 11:35 am	Daniel Huynh	Cornell University	Mentor: <u>Alessio Fasano MD</u>
	<i>"Role of Macrophages in Response to PT-Gliadin in Celiac Disease Pathogenesis"</i>		
11:35 – 11:50 am	Sarah Kohl	Johns Hopkins University	Mentor: <u>Hai Ning Shi DVM, PhD</u>
	<i>"The Effects of Helminth-Induced Th2 Immune Response and Metabolites on Lipolysis of WT1 Adipocytes"</i>		
11:50 – 12:05 am	Jacob Vieira	UMass Amherst	Mentor: <u>James Moon, PhD</u>
	<i>"Quantifying Transcriptome Heterogeneity in Antigen Specific T-cells with Single Cell RNA-seq"</i>		
12:05 – 12:20 am	Nancy Esther Figureo	College of the Holy Cross	Mentor: <u>Hongmei Mou, PhD</u>
	<i>"Exposure to Bile Salts Alter the Architecture and Host Defense of the Airway Epithelium in Response to Infection"</i>		
12:20 – 12:35 am	Purva Patel	DePauw University	Mentor(s): <u>Jason B. Harris MD, MPH</u> <u>Ana A. Weil, MD</u>
	<i>"Investigating the Influence of Various Gut Microbiota on Vibrio Cholerae Toxin Expression"</i>		
12:35 – 12:40 pm	Bryan Hurley, PhD	Concluding Remarks & Acknowledgements	
12:40 pm	Lunch		