

MGHfC Digestive Disease Summer Research Symposium

Friday, August 11th 2017
Building 114 - 1st Floor Conference Room D1,D2,D3

8:15 – 8:45 am	Welcome Breakfast	
8:45 – 8:50 am	Bryan Hurley PhD	Introduction & Opening Remarks
	Director - MGHfC Digestive Disease Summer Research Program Assistant Professor of Pediatrics, Harvard Medical School	
8:50 – 9:05 am	Kinza Hussain MCPHS	Mentor: <u>Jason B. Harris MD, MPH</u>
	<i>"The quest for a better vaccine: characterization of the innate immune response to Vibrio cholera reveals the importance of inflammatory cytokine IL-23"</i>	
9:05 – 9:20 am	Evan Offord Northeastern University	Mentor: <u>Jason B. Harris MD, MPH</u>
	<i>"Vibriocidal Assay Standardization with a Monoclonal Antibody Standard "</i>	
9:20 – 9:35 am	Chengdong (Barry) Huang Johns Hopkins University	Mentor: <u>Bobby J. Cherayil MD</u>
	<i>"Cytosolic replication of S. Typhi and S. Typhimurium in Caco-2 cells"</i>	
9:35 – 9:50 am	Marley Brown Harvard University	Mentor: <u>Elsie M. Taveras MD, MPH</u>
	<i>"Food Insecurity and the First 1,000 Days"</i>	
9:50 – 10:05 am	Colleen Foley M.I.T.	Mentor: <u>Guillermo J. Tearney MD, PhD</u> <u>Bryan P. Hurley PhD</u>
	<i>"μ-Optical Coherence Tomography Image-Based Metrics to Investigate Intestinal Barrier Integrity"</i>	
10:05 – 10:20 am	Jung Min (Timmy) Suh Williams College	Mentor: <u>Rosaria Fiorentino, PhD</u>
	<i>"Characterization of human intestinal organoid-derived monolayers in the context of autism spectrum disorder (ASD) "</i>	
10:20 – 10:35 am	Coffee Break	
10:35 – 10:50 am	Mary Ann Etling DePauw University	Mentor: <u>W. Allan Walker MD</u>
	<i>"LPS-Induced TLR4 Signaling Modulated by the Endocytosis Pathway in Immature Enterocytes"</i>	
10:50 – 11:05 am	Mary Margaret (Meg) Crowley Georgetown University	Mentor: <u>Nitya Jain PhD</u>
	<i>"Thymic-Intestinal Crosstalk in Neonates"</i>	
11:05 – 11:20 am	William (BJ) Massey College of the Holy Cross	Mentor: <u>Hai Ning Shi DVM, PhD</u> <u>Chienwen Su, PhD</u>
	<i>"Helminth infection protects against high fat diet-induced obesity via induction of alternatively activated macrophages"</i>	
11:20 – 11:35 am	Ben Kusber DePauw University	Mentor: <u>Christina Faherty PhD</u>
	<i>"Exploring Critical Genes in Biofilm Formation via Transposon Mutagenesis"</i>	
11:35 – 12:40 pm	Keynote Lecture - Madhusmita Misra, MD, MPH	
	Alessio Fasano, MD	Introduction of Our Invited Speaker for 2017
	Professor of Pediatrics, Harvard Medical School Chief of the Division of Pediatric Gastroenterology and Nutrition Director of the Mucosal Immunology and Biology Research Center, Massachusetts General Hospital for Children	
	Madhusmita Misra, MD, MPH	<i>"Low Energy Availability: Endocrine and Bone Consequences"</i>
	Fritz Bradley Talbot and Nathan Bill Talbot Professor of Pediatrics Harvard Medical School Division Chief, Pediatric Endocrinology, Massachusetts General Hospital for Children Director, Pediatric Endocrine-Sports Endocrine-Neuroendocrine Research Associate Director, Harvard Catalyst Clinical Research Center, MGH	
12:40 – 12:45 pm	Bryan Hurley, PhD	Concluding Remarks & Acknowledgements
12:45 pm	Lunch	