

MGHfC Digestive Disease Summer Research Symposium

Friday, August 7th 2015

Building 114 1st Floor Conference room D1,D2,D3



MassGeneral Hospital
for Children™

8:15 – 8:30 am	Welcome Breakfast		
8:30 – 8:35 am	Bryan Hurley PhD	Director - MGHfC Digestive Disease Summer Research Program	
	Opening Remarks & Introduction		
8:35 – 8:50 am	Avira Som	Massachusetts Institute of Technology	<u>Hurley / Tearney Lab</u>
	<i>"Developing optical imaging techniques to evaluate neutrophil migration and epithelial membrane integrity "</i>		
8:50 – 9:05 am	Urvya Iyer	New Jersey Institute of Technology	<u>Irimia Lab</u>
	<i>"Computational Modeling of Neutrophil Swarming "</i>		
9:05 – 9:20 am	Aminah Sallam	University of Chicago	<u>Göbel Lab</u>
	<i>"The elusive C. elegans gut granules: a possible role in directional trafficking and innate immunity"</i>		
9:20 – 9:35 am	Kaitlin Berry	DePauw University	<u>Jain / Seed Lab</u>
	<i>"Role of RXRA in Immune System Development"</i>		
9:35 – 9:50 am	Hannah Seay	Mount Holyoke College	<u>Shreffler Lab</u>
	<i>"The Gut Microbiota in Allergic Proctocolitis"</i>		
9:50 – 10:05 am	Ziv Cohen	UMass Amherst	<u>Walker Lab</u>
	<i>"Probiotic- conditioned media protects intestinal epithelial cells from oxygen deprivation-induced cell death: a possible mechanism for Necrotizing Enterocolitis"</i>		
10:05 – 10:25	Coffee Break		
10:25 – 10:40	Julia Roell	DePauw University	<u>Shi Lab</u>
	<i>"Influence of helminth infection on high fat diet induced obesity in mice"</i>		
10:40 – 10:55	Annabelle Batten	Carleton College	<u>Harris Lab</u>
	<i>"Resistance to Reactive Oxygen Species in Vibrio Cholerae"</i>		
10:55 – 11:10	Peter Fink	University of Notre Dame	<u>Faherty / Fasano Lab</u>
	<i>"A Load of BS: Expression of Shigella flexneri's S2558 Gene During Bile Salt Exposure"</i>		
11:10 – 11:25	Caitlin Joelle Cain	Georgetown University	<u>Cherayil Lab</u>
	<i>"Mechanisms involved in commensal induced Il-1 secretion by macrophages"</i>		
11:25 – 11:30	Jason Harris, MD MPH	MGHfC - Division of Global Health	
	Introduction of our Invited Guest Speaker for 2015		
11:30 – 12:30	Richelle Charles, MD	MGH - Infectious Diseases	
	Invited Guest Speaker	http://www.massgeneral.org/doctors/doctor.aspx?id=18600#	
	<i>"Improving diagnostics for typhoid fever"</i>		
12:30 – 12:35	Bryan Hurley, PhD		
	Concluding Remarks & Acknowledgements		
12:35	Lunch		