Computational Immunology Symposium: Focus on B cells

Barristers Hall • Friday, June 15 • Boston University

765 Commonwealth Avenue, Boston MA 02215

8:30 AM	-	9:00 AM	continental breakfast
9:00 AM	-	9:15 AM	Introductory remarks
9:15 AM	-	10:05 AM	Steven Kleinstein, Yale University *Analysis of B cell antibody repertoires from next-generation sequencing (in autoimmunity and other diseases)*
10:05 AM	-	10:55 AM	Cliburn Chan, Duke University *Model-based calibration of flow cytometry data*
10:55 AM	-	11:10 AM	break
11:10 AM	-	12:00 PM	Veronika Zarnitsyna, Emory University *Intermediate levels of vaccination coverage may minimize seasonal influenza outbreaks*
12:00 PM	-	12:50 PM	Jim Crowe, Vanderbilit University *Complexity of the Human Immunome*
12:50 PM	-	1:50 PM	box lunch
1:50 PM	-	2:40 PM	Thomas Kepler and Feng Feng, Boston University *Plasmablast dynamics: inside and out*
2:40 PM	-	3:30 PM	Shenshen Wang, University of California Los Angeles *Self-tuning of B cell synaptic patterns enhances antigen affinity grading*
3:30 PM	-	3:45 PM	break
3:45 PM	-	4:35 PM	Erick Matsen, Fred Hutchinson Research Center *Taking uncertainty and biology seriously when analyzing B cell receptor sequence data*
4:35 PM	-	5:25 PM	Galit Alter, Ragon Institue of MGH, MIT, and Harvard *Systems Serology to identify novel correlates of protection from infection disease*
5:25 PM	-	5:30 PM	Closing remarks

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There is no cost to attend. Registration and more information can be found at
https://www.bu.edu/computationalimmunology/summer-schools-and-symposia/2018-symposium/