



BITC

Biomolecular Interaction
Technologies Center



2017 BITC Summer Symposium

Website: <http://sites.udel.edu/cbst/other-department-events/>

Registration: Email: Kristi Halberg (khalberg@udel.edu) and Chris Roberts (cjr@udel.edu)

Dates: Thursday 13 July (All Attendees) & Friday 14 July (BITC Members only)

Location: [Embassy Suites Newark Wilmington South](#), Newark, DE 19713

Thursday, 13 July:

9:00 am Registration

9:25 am Chris Roberts, University of Delaware, *Opening Remarks*

9:30-10:10 am Adam Zwolak, Janssen Pharmaceuticals, *Characterizing the Oligomerization of Biologics in Serum Using Fluorescence Size—Exclusion Chromatography*

10:10-10:50 am Eric Furst, University of Delaware, *High-throughput Viscosity Measurements of mAbs, mAb Mixtures, and Bispecifics*

10:50-11:00 am **Break**

11:00-11:40 am Jason Cheung, Merck & Co., *The Use of Biophysical Characterization During Product Development*

11:40 am-12:20 pm Jeff Hudgens, NIST, *Hydrogen-Deuterium Mass Spectrometry for Characterizing IgG1 Dynamics and IgG1-FcγR Binding*

12:20-1:30 pm **Lunch & Networking**

1:30-2:10 pm Joseph Curtis, NIST, *Scattering, Simulation, and Software for Biotechnology*

2:10-2:50 pm John Marino, NIST, *Fingerprinting Higher—Order Structure of mAb Biologics with NMR*

2:50-3:00 pm **Break**

3:00-3:40 pm Marco Blanco, NIST, *Inter-domain Interactions and their Role on the Colloidal Stability of Concentrated Antibody Solutions*

3:40-4:20 pm Atul Saluja, Sanofi, *Considerations for Development of ADC Products*

4:20-5:00 pm Cavan Kalonia, NIST, *Adsorption of the NIST IgG1 Monoclonal Antibody to Solid Interfaces Can Cause Subvisible Particles to be Released into Solution During Flow*

Friday, 14 July:

CLOSED IAB MEETING, BITC representatives only

8:45 am Shuttle or carpool to UD campus (Colburn Laboratory, maps provided separately)

9:00 am-12:00 pm IAB meeting, agenda available under separate cover