Spring 2016 Symposium

Wednesday, 13 April

Embassy Suites, Newark DE (https://goo.gl/maps/TgPoRKkgcY42)

8:15 – 8:40  Registration and Refreshments
8:40  Chris Roberts, Chemical & Biomolecular Engineering, UD; Tunde Ogunnaike, Dean of the College of Engineering
     Welcome and opening remarks

Session 1

8:45 – 9:10  Kelvin Lee, Chemical & Biomolecular Engineering, UD
     A CHO host cell protein that may impact polysorbate degradation

9:10 – 9:35  Tunde Ogunnaike, Chemical & Biomolecular Engineering, UD
     Modeling, Estimation and Online control of glycosylation in monoclonal antibodies produced in Chinese Hamster Ovary Cells

9:35 – 10:00  TBD

10:00 – 10:25  Emily Day, Biomedical Engineering, UD
     Nanotherapeutic strategies to combat aggressive breast and brain cancers.

10:25 – 10:40  Break

Session 2

10:40 – 11:05  Terry Papoutsakis, Chemical & Biomolecular Engineering, UD
     Title: TBD

11:05 – 11:30  Sharon Rozovsky, Chemistry & Biochemistry, UD
     Selenium in Biochemistry and Biophysics: Novel Functions of Selenoproteins and New Approaches for Their Characterization

11:30 – 11:55  Maciek Antoniewicz, Chemical & Biomolecular Engineering, UD
     Measuring metabolism of CHO cells in fed-batch culture
11:55 – 12:30 Chris Roberts, Chemical & Biomolecular Engineering, UD
*Physical (in)stability of therapeutic proteins*

12:30 – 1:45 **Lunch & poster session**

Session 3

1:45 – 2:10 Wilfred Chen, Chemical & Biomolecular Engineering, UD
*Development of an affinity precipitation process using protein nanocages as a non-chromatographic alternative to platform therapeutic antibody purification*

2:10 – 2:35 April Kloxin, Chemical & Biomolecular Engineering, UD
*Injectable depots for controlled release of therapeutic proteins*

2:35 – 3:00 **TBD**

Session 4

3:00 – 3:25 Alan Hunter, MedImmune
(title TBD)

3:25 – 3:50 Doug Nesta, GSK
(title TBD)

3:50 – 4:15 Steve Dziennik, Merck
(title TBD)

4:15 – 4:40 Vidadi Yusibov, Fraunhofer
(title TBD)

4:40 – 5:05 Rajesh Gandhi, BMS
(title TBD)

5:05 – 5:30 **TBD**