

**JULY 31, 2014: UNIVERSITY AT BUFFALO, KAPOOR HALL**

# **Sixth Annual Symposium Center for Protein Therapeutics**

## **Agenda**

8:30	Registration / Coffee
8:55	Introduction to the Sixth Annual Symposium (J. Balthasar)
9:00	Effect of Type II Diabetes Mellitus and Chronic Kidney Disease on Antibody Pharmacokinetics and Subcutaneous Bioavailability (Gurkishan Chadha / Morris)
9:30	Investigation of FeRn expression in human ontogenesis (Tommy Li / Balthasar)
10:00	In Vivo Mechanisms of Drug-load Release for Antibody Drug Conjugates (ADC) and Their Relationships To Drug-related Toxicity: Application to T-DM1 and SGN-35 Induced Thrombocytopenia and Neutropenia (S. Bihorel)
10:30	Break
10:45	Drastically improved sensitivity and robustness for quantification of therapeutic mAb in tissue and application in PK studies at therapeutically-relevant dosing levels (Qu Lab)
11:15	Multiplexed quantification of antigen-antibody complex, free antibody and antigen in plasma and application in PK of CEA and an anti-CEA mAb (T84.66) in a xenograft tumor model (Qu Lab)
11:45	Second-generation minimal PBPK model for mAb pharmacokinetics (Carter Cao / Jusko)
12:15	Lunch
1:30	Role of pharmacodynamic response in clearance of drugs targeting membrane bound proteins (Krzyzanski Lab)
2:00	Investigation of the influence of systemic lupus erythematosus on monoclonal antibody elimination in a mouse model (Veena Thomas / Balthasar)
2:30	Break
2:45	Investigation of the influence of protein losing enteropathy on mAb pharmacokinetics (Yujie Yang / Balthasar)
3:15	Update on PBPK modeling of catch and release mAbs (Patrick Glassman and Frank Engler / Balthasar)
4:00	Concluding Remarks (J. Balthasar)

## **REGISTRATION DETAILS**

**Location:** The Symposium will be held at the University at Buffalo, South Campus, **Kapoor Hall, Room 190**

**Fee:** There is no fee for the Symposium for members of CPT Consortium Sponsors or for students, fellows, or faculty of the University at Buffalo. Lunch and break-time refreshments will be provided.

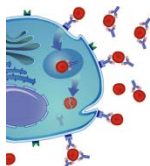
**Registration:** Please register by filling out the form and returning to the address shown below. Confirmation of registration will be returned upon receipt.

**Accommodations:** **Ramada Inn & Conference Center, 716-636-7500 or Marriott Hotel, 716-689-6900.**

### **REGISTRATION FORM: CPT Symposium**

Name: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State/Country: \_\_\_\_\_  
Postal Code: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Kindly return to:** CPT Symposium, Dept. of Pharmaceutical Sciences, School of Pharmacy, University at Buffalo, 445 Kapoor Hall, Buffalo, NY 14260; phone: 716-645-4833; e-mail Carol Fritsch at cfritsch@buffalo.edu. **\*\*Please register by July 20, 2014\*\***



**UB** University at Buffalo  
The State University of New York at Buffalo  
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