### 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 FcRn expression in human ontogenesis (Tommy Li / Balthasar)

**9:45** 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)

**10:00** 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

**1:00** Role of pharmacodynamic response in clearance of drugs targeting membrane bound proteins (Krzyzanski Lab)

**1:30** Investigation of the influence of systemic lupus erythematosus on monoclonal antibody elimination in a mouse model (Veena Thomas / Balthasar)

**2:00** 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 Form:**

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**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**