XXI GREAT LAKES TRANSPLANT IMMUNOLOGY FORUM

Joseph and Kathleen Bryan Research Building
311 Research Drive, Duke University, Durham, North Carolina

Monday, November 14, 2022

11:00 – 12:15   Registration, mingle and lunch (Bryan Research Building)

12:15 – 12:30   Welcome and Acknowledgement

Session 1: Alloimmunity: Tales of T cells (Bryan Research Building)

12:30 – 1:00   Mandy Ford, Emory
   “Role of ganglioside catabolism in T cell response to alloantigen”

1:00 – 1:30    Anna Valujskikh, Cleveland Clinic
   “Posttransplant inflammation drives T cell recovery after lymphoablation”

1:30 – 2:00    Andrew Adams, University of Minnesota
   TBA

2:00 – 2:30    Scott Palmer, Duke
   “Role of JAK-STAT signaling in cytotoxic T cell mediated basal cell death in human chronic lung allograft dysfunction”

2:30 – 3:00    Break

Session 2: Paths to Tolerance (Bryan Research Building)

3:00 – 3:30    Joseph Turek, Duke
   “The quest for tolerance via co-transplantation of heart and cultured thymic tissue: pre-clinical and clinical insights”

3:30 – 4:00    Maria-Luisa Alegre
   Vulnerabilities to the stability of transplantation tolerance”

4:00 – 4:30    Ed Thorp, Northwestern
“Exploring the role of conventional type 1 dendritic cells in donor-specific tolerance induction”

4:30 – 5:00  Paolo Cravedi, Mount Sinai  
“Immune modulating effects of erythropoietin”

5:00 – 5:15  Poster set up and break (Levine Science Research Center Foyer)

5:15 – 6:45  Moderated Poster Competition

7:00 – 10:00  Dinner and Poster Awards (Venue: TBD, shuttle bus will be provided for transportation)

Tuesday, November 15, 2022

Session 3: Alloimmunity: Tales of B cells (Bryan Research Building)

8:00 – 8:30  Raul Badell, Emory  
“T follicular regulatory cell-mediated inhibition of alloimmunity”

8:30 – 9:00  Michael Nicosia, Cleveland Clinic  
“The role of LAG3 in antibody responses to kidney transplantation”

9:00 – 9:30  David Rothstein, University of Pittsburgh  
“TIM-4 identifies potent pro-inflammatory B cells expressing an IL-23-driven “proinflammatory module””

9:30 – 10:00  Jean Kwun, Duke  
“Commonality and differences of allo- and xeno-transplant antibody mediated rejection in sensitized non-human primate recipients”

10:00 – 10:15  Break
Session 4: Bioengineering of Cell-Cell Interactions (Bryan Research Building)

10:15 – 10:45  Satish Nadig, Northwestern  
“The role of endothelial cell-cell communication in organ preservation”

10:45 – 11:15  Heth Turquist, University of Pittsburgh  
“Studies at the intersection of alloimmunity and tissue repair”

11:00 – 11:45  Giorgio Raimondi  
“Tolerogenic microparticles and CAR-Treg: a marriage written in the stars?”

11:45 – 12:15  Matthew Brown  
“Transplant modeling: pluripotent stem cells and primatized mice”

12:15 – 1:00  Lunch and PI meeting

1:00 – 2:00  The Charles G. Orosz Keynote Lecture (Bryan Research Building)

Allan Kirk, MD, PhD  
Daivd C. Sabiston, Jr. Distinguished Professor of Surgery,  
Chair, Department of Surgery,  
Duke University School of Medicine

“Mechanisms vs. Pragmatism”

2:00  Adjourn