

## **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)**

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|-----------------------|---|
| <b>10:15 – 10:45</b>  | <b>Satish Nadig, Northwestern</b><br>“The role of endothelial cell-cell communication in organ preservation”  |
| <b>10:45 – 11:15</b>  | <b>Heth Turquist, University of Pittsburgh</b><br>“Studies at the intersection of alloimmunity and tissue repair”   |
| <b>11: 15 – 11:45</b> | <b>Giorgio Raimondi</b><br>“Tolerogenic microparticles and CAR-Treg: a marriage written in the stars?”  |
| <b>11:45 – 12:15</b>  | <b>Matthew Brown</b><br>“Transplant modeling: pluripotent stem cells and primatized mice”   |
| <b>12:15 – 1:00</b>   | <b>Lunch and PI meeting</b>   |
| <b>1:00 – 2:00</b>    | <b>The Charles G. Orosz Keynote Lecture (Bryan Research Building)</b><br><br><b>Allan Kirk, MD, PhD</b><br>Daivd C. Sabiston, Jr. Distinguished Professor of Surgery,<br>Chair, Department of Surgery,<br>Duke University School of Medicine<br><br>“Mechanisms vs. Pragmatism” |
| <b>2:00</b>           | <b>Adjourn</b>  |