

## Satellite Symposia *\*additional registration fee required\**

American Society for Histocompatibility and Immunogenetics (ASHI)  
American Society of Transplantation (AST)  
The Transplantation Society (TTS)  
Jointly Sponsored Satellite Symposium

Thursday, June 5  
8:30 am-12:30 pm  
Simmons

### Immune Monitoring in Transplantation - From Bench to Bedside

Chairs: Robert Fairchild, PhD, Megan Sykes, MD and Elaine F. Reed, PhD

**Purpose Statement:** The goal of this symposium is to demonstrate up-to-date and state-of-the-art approaches being used to monitor the health of transplant patients. This will serve as a showcase of translational research in clinical transplantation as well as efforts to improve patient diagnostics and care. This symposium fits directly with the goals of the FOCIS and we expect to foster interactions from other clinical disciplines such as care for patients with autoimmune disease that are developing new approaches to detect and treat these diseases in their patients.

#### 8:30 am-9:30 am            **Antibody Responses**

8:30 am                      Immune Monitoring of HLA Antibodies to Assess Risk                      Andrea Zachary, PhD  
for Acute and Chronic Rejection

9:00 am                      Alemtuzumab Preconditioning and Tacrolimus                      Ron Shapiro, MD  
Monotherapy in Adult and Pediatric Kidney  
Transplant Recipients

#### 9:30 am-10:30 am            **Cellular Immune Responses**

9:30 am                      Assays of Alloreactivity and Peripheral Cell                      Roslyn Mannon, MD  
Function Provide a Noninvasive Method for  
Identifying Risk of Rejection

10:00 am                      Cellular Immune Responses in Tolerant Patients                      Megan Sykes, MD  
Following Combined Kidney and Bone Marrow  
Transplantation

#### 10:30 am-11:30 am            **Molecular Diagnostics**

10:30 am                      mRNA Expression Patterns Predictive of                      Manikkam Suthanthiran, MD  
Allograft Status and Outcome

11:00 am                      A Molecular Signature of Tolerance                      Minnie Sarwal, MD

#### 11:30 am-12:00 pm            **Genetic and Immune Profiles**

11:30 am                      Pretransplant Donor-specific and Non-specific                      Nancy Reinsmoen, PhD  
Immune Parameters Associated with Early  
Acute Rejection

#### 12:00 pm-12:30 pm            **Panel Discussion**