

## Basic Science for the Clinician-Transplant Rejection

**Learning Objective 1:** New insights on the role of costimulatory molecules regulating immune responses.

**Learning Objective 2:** Better understanding the mechanism involved in AMR.

**Learning Objective 3:** Mechanisms involved in B cell mediated transplant rejection.

**1:00pm-5:30pm**

**Moderators:** Arjang Djamali, MD, MS, University of Wisconsin School of Medicine and Public Health, Madison, WI. Basset El Essawy, M.B.B.Ch, MSc, TRC, Renal Division, Brigham and Women Hospital, Harvard Med, Boston, MA.

**1:00pm-1:20pm**

**Costimulation for Clinicians**

Andrew Adams, MD/PhD, Emory University, Atlanta, GA.

**1:20pm-1:30pm**

**Audience Discussion**

**1:30pm-1:50pm**

**Diagnosis of AMR - What the Clinician Needs to Know**

Jacqueline O'Leary, MD, MPH, UT Southwestern Medical Center, Dallas, TX.

**1:50pm-2:00pm**

**Audience Discussion**

**2:00pm-2:20pm**

**Basic Science of B Cell Mediated Rejection from a Clinician's View**

Stanley Jordan, MD, Cedars-Sinai Medical Center, West Hollywood, CA.

**2:20pm-2:30pm**

**Audience Discussion**

**2:30pm-2:50pm**

**T Cell Subsets - What a Clinician Needs to Know**

Xounrong Luo, MD, PhD, Duke University, Durham, NC.

**2:50pm-3:00pm**

**Audience Discussion**

**3:00pm-3:30pm**

**Coffee Break**

**3:30pm-3:50pm**

**Innate Immune System for Clinicians**

Martin Oberbarnscheidt, MD, PhD, University of Pittsburgh, Pittsburgh, PA.

**3:50pm-4:00pm****Audience Discussion****4:00pm-4:20pm****Complement Inhibition in Transplantation**

Rex Neal Smith, MD, PhD, Massachusetts General Hospital, Boston, MA.

**4:20-4:30pm****Audience Discussion****4:30-4:50pm****T Regs in Transplantation**

Anil Chandraker, MD, Brigham Health-Brigham and Women's Hospital, Boston, MA.

**4:50-5:00pm****Audience Discussion****5:00pm-5:20pm****Endothelial Biology**

David Briscoe, MD, Boston Children's Hospital and Harvard Medical School Boston, MA.

**5:20pm-5:30pm****Audience Discussion**