

**UAB Pathway to Clinical Xenotransplantation Workshop**  
University of Alabama at Birmingham, March 21-22, 2019

**Thursday March 21, 2019 Morning**

**8.00-8.05am: Welcome** (Herb Chen/Devin Eckhoff)

**8.05-8.10am: Welcome** (Leo Buhler, President of the IXA)

**8.10-8.50am: Taking Xenotransplantation into the Clinic - A Personal View**  
(Joe Tector) Presentation 30 minutes; Discussion 10 minutes

**8.50-9.35am: Xenotransplantation in Nonhuman Primates – the Present Position**  
(Moderator: Joe Tector)

Kidney xenotransplantation	(David Cooper)	15 minutes
Cardiac xenotransplantation	(Christopher McGregor)	15 minutes
Discussion		15 minutes

**9.35-10.00am: Coffee break**

**10.00-12.30pm: Donor Genetic Engineering and Regulatory and  
Potential Infectious Risk Considerations (Moderator: Joe Tector)**

**10.00-10.40am:** Genetic-engineering techniques for donor pigs and regulatory  
implications (David Ayares) Presentation 30 minutes; Discussion 10 minutes

**10.40-11.20am:** Organ-source pig health status and potential infectious risks  
(Jay Fishman) Presentation 30 minutes; Discussion 10 minutes

**11.20-12.00noon:** Histocompatibility testing for xenotransplantation  
(Matt Tector) Presentation 30 minutes; Discussion 10 minutes

**12.00-12.30pm: Round Table Discussion**

Panel members: David Ayares, Leo Buhler, Jay Fishman, Matt Tector

**12.30-1.15pm: Luncheon break**

**Thursday March 21, 2019 Afternoon****1.15-5.00pm: Antibody-Mediated Allotransplant Rejection: Lessons for Xenotransplantation (Moderator: Guerard Byrne)**

**1.15-1.55pm:** Antibody-mediated allograft rejection in nonhuman primate models (Stuart Knechtle) Presentation 30 minutes; Discussion 10 minutes

**1.55-2.35pm:** Prevention and treatment of clinical antibody-mediated allograft rejection (Robert Montgomery) Presentation 30 minutes; Discussion 10 minutes

**2.35-3.15pm:** Chronic antibody-mediated allograft rejection (Stanley Jordan) Presentation 30 minutes; Discussion 10 minutes

---

**3.15-3.30pm: Coffee break**

---

**3.30-4.10pm:** ABO-incompatible pediatric heart transplantation (Lori West). Presentation 30 minutes; Discussion 10 minutes

**4.10-5.00pm: Round Table Discussion**

Panel Members: Stanley Jordan, Stuart Knechtle, Robert Montgomery, Lori West

---

**5.00pm: ADJOURN**

---

**6.30-8.30pm: RECEPTION**

---

## **Friday March 22, 2019 Morning**

### **8.00-10.20am: Patient Evaluation and Selection for First Clinical Trials (Moderator: David Cooper)**

#### **8.00-9.20am: Evaluation and selection of the first patients**

Kidney	(Jayme Locke)	20 minutes
Heart	(Christopher McGregor)	20 minutes
Pediatric heart	(James Kirklin)	20 minutes
Infection risks	(Jay Fishman)	20 minutes

#### **9.20-10.20am: Round Table Discussion**

Panel Members: Leo Buhler, Jay Fishman, Robert Gaston, Stanley Jordan, James Kirklin, Stuart Knechtle, Jayme Locke, Christopher McGregor, Robert Montgomery, Lori West

---

#### **10.20-10.40am: Coffee break**

---

### **10.40am-12.20pm: Regulatory and Economic Aspects of Clinical Trials of Xenotransplantation (Moderator: Chris McGregor)**

**10.20-10.40am:** Addressing regulatory requirements for the organ-source pig  
(Karl Kraebber) Presentation 20 minutes

**10.40-11.00am:** The US FDA perspective  
(TBD) Presentation 20 minutes

**11.00-11.20am:** Payer view of xenotransplantation  
(Jon Friedman) Presentation 20 minutes

#### **11.20-12.00noon: Round Table Discussion:**

Panel Members: Jay Fishman, Jon Friedman, Karl Kraebber, FDA presenter, Zac Dorsey, Ron Evans, Martha Tankersley (all UABMC)

---

### **12.00-1.00pm: Box Lunch and Discussion – What has the workshop achieved? (Moderator: Joe Tector)**

**1.00-1.15pm: Closing remarks (Chen/Eckhoff)**

**1.15pm: ADJOURN**