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