



All times are in PDT

Monday, October 21, 2024

9:00am – 8:30pm

Registration Open

Platinum Lobby

8:00pm – 4:30pm

Inspectors Training Workshop

Marquis South

1.05 CEC / 7 CME

The Inspection Process

John Schmitz

The Audit Based Inspection

Michael Gautreaux

Inspecting a Lab for Solid Organ Transplantation

Barbara Masten

Inspecting a Lab for Bone Marrow Transplantation

Taba Kheradmand

Introduction of the ARB & Travel Policy Updates

Melissa Weeks

Top 10 Citations & Annual Inspector Feedback

Cal Stone

New Technologies & Inspection

Nick Brown

Round Table/Group Discussion: Mock Inspection Scenarios

12:30pm – 5:00pm

Featured Topic: Immunogenetics & Disease

Marquis North

Moderators:

Steve Mack, PhD

Immunogenetics and Disease: A Brief History

Henry Erlich, PhD

Immunogenetics of Severe T-cell Mediated Adverse Drug Reactions: Insights into pathogenesis, prevention and diagnosis

Elizabeth Phillips, MD

Genetic Variation and Evolutionary Dynamics of MHC Class II and III Genes: Insights from 130 Phased Genome Assemblies

Mark Christian Loftus, PhD

.68 CEC / 4.5 CME

The Immunogenetics of COVID-19

Jill Hollenbach, PhD, MPH

Archaic KIR3DL1 enhances HLA binding to inhibit NK cells throughout Oceania

Paul Norman, PhD

Fifty years of HLA and T1D risk: looking back, and looking forward

Janelle Noble, PhD

TCR recognition of Lipids and Metabolites

Jamie Rossjohn, PhD, FRS

NKp44/HLA-DP-dependent regulation of CD8 effector T cells by NK cells

Benedetta Padoan, MSc

Panel Discussion

4:30pm – 5:30pm

First Time Attendee & New Member Reception

(By invitation only)

Grand Ballroom G-J

5:45pm – 7:00pm

Opening Session: In the Blink of an Eye: ASHI's first 50 years: How did we get here and where are we headed?

.15 CEC / 1 CME

Marquis Center

Moderators:

Marcelo Fernandez-Vina, PhD, F (ACHI)

Howie Gebel, PhD

Who were the early leaders of ASHI? What were the clinical needs and scientific challenges?

Michael Cecka, PhD, D(ACHI)

How laboratory methodology contributed to sound laboratory practices and led to an inclusive and diverse society

Donna Phelan, BA, MT (HEW), CHS(ACHI)

Optimizing laboratory and clinical practices in solid organ transplantation

Robert Bray, PhD, F(ACHI), HCLD/CC(ABB)

Molecular testing arrives; What were the driving forces?

Harriet Noreen, BS, CHS (ACHI)

Applications of our discipline: Outcome studies leading to optimal Histocompatibility practices in Hematopoietic Stem Cell Transplantation

Effie Petersdorf, MD

7:00pm – 9:00pm

Opening Reception with Exhibits

Platinum Ballroom

Tuesday, October 22, 2024

7:00am – 8:00am

Volunteer Breakfast (By Invitation only)

Orange Ballroom 1-2

7:00am – 7:30pm

Registration

Platinum Lobby

8:00am – 8:30am	<p><u>Service Awards: J. Marilyn MacQueen Rising Star Award, Distinguished Service Award, and Outstanding Technologist Award</u> .08 CEC / .5 CME</p> <p><i>Marquis Center</i></p> <p>Moderators: Anne Halpin, PhD, A(ACHI) Luis Hidalgo, PhD, F(ACHI) Carey Killion, BS, MT(ASCP), CHS(ACHI)</p> <p>Awardees: Patricia Campbell, MBChB, FRCPC Jeremy Sherrill, CHS (ACHI) Madison Austin, CHT</p>
8:30am – 9:30am	<p><u>Keynote Address: ABO Histocompatibility: New Tools to Explore ABH Antigens and ABO Antibodies in the Transplant Setting</u> .15 CEC / 1 CME</p> <p><i>Marquis Center</i></p> <p>Moderators: Anne Halpin, PhD, A(ACHI) Cathi Murphey, PhD, HCLD/CC(ABB), A(ACHI)</p> <p>Speaker: Lori West, Professor</p>
9:30am – 10:00am	<p><u>AM Break</u> <i>Platinum Ballroom</i></p>
10:00am – 10:30am	<p><u>Scholar Award Presentations.</u> .08 CEC / .5 CME</p> <p><i>Marquis Center</i></p> <p><i>Efficient production of soluble class II HLA-Fc fusion proteins stabilized by interchain disulfide bond</i> Chang Liu, MD, PhD, A(ACHI)</p> <p><i>Kinetic Characterization of Sera Antibodies – A Surface Plasmon Resonance Study</i> Ned Van Eps, PhD</p>
10:30am – 12:00pm	<p><u>Plenary I: New Horizons in Cardiothoracic Transplantation</u> .23 CEC / 1.5 CME</p> <p><i>Marquis Center</i></p> <p>Moderators: Elaine Chou-Wu, PhD, F(ACHI) Adriana Zeevi, PhD</p> <p><i>Breaking Down CPRA Barriers in Lung Transplantation</i> Meghan Aversa, MD, MS, FRCPC</p> <p><i>Monitoring Heart Allografts: New Tools of the Trade</i> Jon Kobashigawa, MD</p> <p><i>Innovations in Pediatric Heart Transplantation</i> Joseph Turek, MD, PhD</p>
12:00pm – 12:30pm	<p><u>ASHI Lunch</u> <i>Grand E-F</i></p>

12:40pm – 1:35pm

Thermo Fisher Scientific: New Molecular Assays: From Validation to Reimbursement

Marquis Center

1:40pm – 2:35 pm

GenDx: Advancing Transplant Medicine: The Impact of Nanopore Sequencing on HLA & SLA (Swine Typing)

Marquis North

Werfen: Exploring New Frontiers in Transplantation Testing

Marquis South

2:45pm – 4:15pm

Abstract Session I: Preclinical Discovery and Innovation

.23 CEC / 1.5 CME

Marquis South

Moderators:

Ahmed Mostafa, MD., PhD, F(ACHI)

Jenny Tran, PhD

Role of epidermal growth factor in cardiac allograft injury

Omar Moussa, MSc, PhD, F(ACHI)

HLA-C Peptide Repertoires as Predictors of Clinical Response During Early SARS-CoV-2 Infection

Matthew Cusick, PhD F(ACHI)

Concentration-dependent antibody specificity profiles of human leukocyte DQ antigens and predictions of functional epitopes

Shi-Yuan (Tina) Meng, PhD

Defining functional epitopes of human leukocyte DQ antigens using a new single antigen bead panel and engineered variants

Shi-Yuan (Tina) Meng, PhD

Use of Single Antigen Beads Coated with Engineered Variants for Mapping a Functional Epitope of an HLA-DQA1*01 Specific Antibody

Robert Bray, PhD, F(ACHI), HCLD/CC(ABB)

2:45 pm – 4:15pm

Abstract Session II: Expanding the HLA Toolbox

.23 CEC / 1.5 CME

Marquis North

Moderators:

Rajdeep Das, MD, PhD, FIBMS

Ruth Koester, PhD, F(ACHI)

Power BI for HLA

Michiko Taniguchi, HLA Associate Director

Assessing the clinical utility of the ExPlex Panel in a cohort of highly sensitized Black Americans

Anna Morris

Uncovering New Potentials: High Resolution Deceased Donor Human Leukocyte Antigen Typing in Less Than 4 Hours

Sarah Johnson, Clinical Lab Scientist

Evaluation of Spurious Luminex Bead Reactions with HISTO SPOT HLA AB, Flow Cytometry Cross Matching and Adsorption with Crossmatch and Elution

Timothy Emery, BSc

Inverse Correlation between MFI and Bead Counts in Single Antigen Bead Assay for Anti-HLA Antibody Testing

Robert Frick, MD

Evaluation of the Performances of Next Generation Sequencing ABO Probes in a Solid Organ Transplant Population

Cathy Gebhart, MB(ASCP), PhD, F(ACHI)

2:45pm – 4:15pm

Workshop 1: Back to Basics: Deep Dive into Antigenicity, Immunogenicity, and Alloantibody Formation

.23 CEC / 1.5 CME

Marquis Center

Moderators:

Carey Killion, BS, MT(ASCP), CHS(ACHI)

Nicole Valenzuela, PhD, F(ACHI)

Defining Immune Epitopes for Antigen Recognition and Presentation

Alba Grifoni, PhD

Antigen Presenting Cells: How innate cells sense “danger”, present antigen, and shape the adaptive immune response

Helen Goodridge, PhD

How B Cells Discriminate Self from Non-self and Become Primed for Antibody Production

David Nemazee, PhD

4:15pm – 4:45pm

PM Break with Exhibits

Platinum Ballroom

4:45pm – 6:15pm

Abstract Session III: Adaptive Immunity and Transplant Outcomes

.23 CEC / 1.5 CME

Marquis North

Moderators:

Matthew Najor, PhD, F(ACHI)

David Pinelli, PhD, F(ACHI)

Non-permissive Hla-Dpb1 Mismatches are Association with Increased 1-Year Mortality after Unrelated Donor Hematopoietic Cell Transplantation for Non-Malignant Disorders

Joselito Getz, MSc

Reconstitution of T Cells at Three Months after Stem Cell Transplant Influences the Discovery of Predictive Markers of Relapse

Amit Kalra, MBBS, MSc

Serological reactivity of HLA alleles is dependent on race/ethnicity

Nicole Valenzuela, PhD, F(ACHI)

Treatment with Bi-Specific Antibody Blinatumomab Effectively Reduces HLA Antibodies

Xiaohai (Sam) Zhang, PhD

Ischemia-Reperfusion Injury Drives Increased Allosensitization to HLA-B, DQB1 and DPB1 and Leads to Poor Outcomes in Liver Transplant Recipients

Rebecca Sosa, PhD, F(ACHI)

North Carolina Flow-XM Collaboration

Kristina Olack, MS, MLS

4:45pm – 6:15pm

Workshop 2: Tools for HLA Antibody Analysis: Pulling Back the Curtain

.23 CEC / 1.5 CME

Marquis Center

Moderators:

Howie Gebel, PhD
Annette Jackson, PhD
Ina Skaljic, PhD, MS, MB(ASCP)cm

Introduction: Realities of histocompatibility complexity

Annette Jackson, PhD

LIVE HLA antibody challenge

Megan Jeracki, CHS(ACHI)
Yan Li, PhD, F(ACFI)
Jean Luc Taupin, PharmD, PhD
Robert Bray, PhD, F(ACHI), HCLD/CC(ABB)

Cluster Tools to examine serological equivalents or false positive bead patterns

Eric Weimer, PhD, D(ABMLI), F(ACHI)
Nicole Valenzuela, PhD, F(ACHI)

Panel Q&A

4:45pm – 6:15pm

Workshop 3: AABB/ASHI Symposium: Exploring Transplant Uncertainties/Conundrums

in ABO

.23 CEC / 1.5 CME

Marquis South

Moderators:

Robert Achram
Lori West, Professor

Overview of Glycobiology, Review of the Literature for Use of Red Cell Agglutination Titers in Transplantation

Anne Halpin, PhD, A(ACHI)

Overcoming Challenges in Performing Testing for ABO-incompatible Transplants

Amena Usami, MD, F(ACHI)

ABO-Incompatible Transplantation from the Clinical Perspective

Dorry Segev, MD, PhD, FACS

6:15pm – 7:15pm

Directors in Training Reception *(By invitation only)*

Hospitality Suite

6:15pm – 8:15pm

Poster Reception with Exhibits

Platinum Ballroom

6:45pm – 7:45pm

International Reception *(By invitation only)*

Elite 2 & 3

7:15pm – 8:15pm

ARB/Inspectors Reception *(By invitation only)*

Gold Key II

Wednesday, October 23, 2024

6:30am – 8:00am

GenDx Tulip Dance Workout

Orange County 1-4

7:00am – 7:30pm

Registration

Platinum Lobby

8:30am – 9:30am

The Rose Payne Award & Lecture

Marquis Center

Moderator:

Marcelo Fernandez-Vina, PhD, F(ACHI)

Speaker:

Sir Walter Bodmer, PhD, FRS

Marco Colonna, MD

.15 CEC / 1 CME

9:30am – 10:00am

AM Break

Platinum Ballroom

10:00am – 10:15am

Scientific Awards Presentation: Early Career Investigator Award and Michael Schmiederer

Research Support Award

Marquis Center

Moderators:

Nicole Valenzuela, PhD, F(ACHI)

Melody Zhang, MD, A(ACHI)

Awardees:

Scott Krummey, MD, PhD

Joseph M. Ladowski, MD, PhD

10:15am – 10:30am

Human Immunology Report

Marquis Center

Speaker:

James Mathew, PhD

10:30am – 12:00pm

Plenary II: Cancer Neoantigen Discovery from the HLA Perspective

Marquis Center

Moderators:

Chang Liu, MD, PhD, A(ACHI)

Manli Shen, PhD

HLA Genotypes Shape the Cancer Mutation Landscape

Hannah Carter, PhD

Detecting HLA Loss in situ in Human Cancers

Justin Balko, PharmD, PhD

HLA Presentation of Cancer Neoantigens from Mutations

Mark Yarmarkovich, PhD

.23 CEC / 1.5 CME

12:00pm – 12:30pm	<u>ASHI Lunch</u> <i>Grand E-F</i>	
12:40pm – 1:35pm	<u>User Group Meeting: CareDx: Future of Transplant Solutions: Innovation Across the Pre and Post-Transplant Journey</u> <i>Marquis Center</i>	
1:40pm – 2:35pm	<u>User Group Meeting: Thermo Fisher Scientific: Enhancing the Transplant Journey: Innovative Solutions for the HLA Laboratory</u> <i>Marquis Center</i>	
2:45pm – 4:15pm	<u>Abstract IV: Bioinformatics and Beyond</u> <i>Marquis North</i> Moderators: Deanna Fang, MD, A(ACHI) David Nguyen, MS, BS, CHS (ACHI), CHT (ACHI)	.23 CEC / 1.5 CME
	<i>Imputing high-resolution genotypes from serological typing in a large clinical cohort</i> Mitchell Ellison, PhD	
	<i>HLAtools for Accelerating ImmunoGenomic Informatics</i> Steve Mack, PhD	
	<i>An Extended Machine Learning Approach for Binning Donor-Recipient HLA Amino Acid Mismatches to Predict Kidney Graft Failure Risk</i> Ryan Urbanowicz, Assistant Professor	
	<i>Principal component analysis (PCA) identifies Bw4/Bw6 epitope and individual eplet patterns of reactivity in single antigen bead solid phase testing</i> Caleb Cornaby, PhD, F(ACHI)	
	<i>LILR full gene variation in European and African American cohorts</i> Avik Bhattacharya, PhD	
	<i>Epitope Mismatch Load as Potential Driver of Rejection in Xenotransplantation</i> Nilesh Chitnis, PhD	
2:45pm – 4:15pm	<u>Workshop 4: Let's Get Real, We are Virtually There: Best practices in HLA antibody interpretation and virtual crossmatching</u> <i>Marquis South</i>	.23 CEC / 1.5 CME
	Moderators: Annette Jackson, PhD Alberto Lima, PhD Speakers: Carey Killion, BS, MT(ASCP), CHS(ACHI) James Lan, MD, FRCPC, D(ACHI) Rob Liwski, MD, PhD, FRCPC, F(ACHI) Sandra Tafulo, PhD	
2:45pm – 4:15pm	<u>Workshop 5: 50+ Years of HLA Antigen, Allele, and Antibody Nomenclature: Moving Toward Integrated and Consistent Approaches for Clinical Practice</u> <i>Marquis Center</i>	.23 CEC / 1.5 CME

Moderators:
Steve Mack, PhD
Doreen Sese, CHS

History of HLA antigen/allele nomenclature
Steven GE Marsh, PhD, FRCPath

The Clinical Challenge of Imprecise Nomenclature for HLA Serology
Jerry Morris, MD, PhD, A(ACHI)

Serotypes - What They Are, Why They're Needed, and How We Can Utilize Them
Marcelo Fernandez-Vina, PhD, F (ACHI)

4:15pm – 4:45pm

PM Break with Exhibits
Platinum Ballroom

4:45pm – 5:15pm

Joint Directors & Laboratory Professionals Forum

.08 CEC / .5 CME

Marquis Center

Speakers:
Scott Krummey, MD, PhD, A(ACHI)
Jerry Morris, MD, PhD, A(ACHI)
Rebecca Upchurch

5:15pm – 5:45pm

Director's Forum

.08 CEC / .5 CME

Marquis North

Speakers:
Scott Krummey, MD, PhD, A(ACHI)
Annette Jackson, PhD
Ahmed Mostafa, MD, PhD, F(ACHI)
Nicole Valenzuela, PhD, F(ACHI)

5:15pm – 6:15pm

Laboratory Professional's Forum (formerly Technologist's Forum)

.23 CEC / 1.5 CME

Marquis South

Moderator:
Rebecca Upchurch
Speakers:
Phillip Fisher JR, CHS (ACHI)
Kelley Hitchman, MS, PhD, F(ACHI)

Thursday, October 24, 2024

6:15am – 5:30pm

Registration
Platinum Lobby

6:45am – 7:45am

Women in Transplantation: Beyond the X and Y: A Collaborative Integration of Sex Differences in Transplant Research

.15 CEC / 1 CME

Marquis North

Moderators:
Elaine Reed, PhD
Olga Timofeeva, PhD

Speakers:

Carrie Butler
Loren Gragert, PhD, A(ACHI)
Rebecca Sosa, PhD, F(ACHI)

8:00am – 9:30am

The Paul Terasaki Clinical Science Award & Lecture and The Bernard Amos Distinguished Scientist Award & Lecture

Marquis Center

Moderators:

Anne Halpin, PhD, A(ACHI)
William Hildebrand

The Paul I. Terasaki Clinical Science Award Lecture: DQ Stories

Anat Tambur, DMD PhD D(ABHI)

The Bernard Amos Distinguished Scientist Award Lecture: HLA Gene Editing. The New Frontier in the Treatment of Autoimmune Disease

Brian Freed, PhD, F(ACHI)

9:30am – 10:00am

AM Break with Exhibits

Platinum Ballroom

10:00am – 10:30am

Scholar Presentations

.08 CEC / .5 CME

Marquis Center

Moderators:

Abeer Madbouly, PhD
Ryan Pena, MD, PhD, MS, F(ACHI)

Early Detection of Acute Graft Versus Host Disease by Assessment of the Immunity Related Transcriptome

Amit Kalra, MBBS, MSc

Donor HLA-B-leader and HLA-DQ Genotypes Impact on Outcomes Following Lung Transplantation

Lucy Sullivan, PhD

10:30am – 12:00pm

Plenary III: Past, Present and Future of Hematopoietic Stem Cell transplantation

Marquis Center

.23 CEC / 1.5 CME

Moderators:

Ketty Gendzekhadze, MSc, PhD, F(ACHI)
Alberto Lima, PhD

Hematopoietic cell transplantation: Then and now

Ryotaro Nakamura, MD

HSCT with MMUD

Bronwen Shaw, MD, PhD

HLA loss after allogeneic HCT: biological mechanism, detection methods and clinical implications

Christina Toffalori, PhD

12:00pm – 12:30pm

ASHI Lunch

Grand E-F

12:40pm – 1:35pm

User Group Meeting: Omixon: Omixon Highlights: From Full-Coverage NanoTYPE HLA to dd-cfDNA Monitoring in < 3 hours

Marquis South

12:40pm – 1:35pm

User Group Meeting: Pirche: Redefining Risk: The Journey from the lab to the patient

Marquis North

1:40pm – 2:35pm

User Group Meeting: Thermo Fisher Scientific: Expanding Horizons: A New Era of Innovation in Transplantation

Marquis Center

2:45pm – 4:15pm

Abstract Session V: Immunogenetics of MHC and Beyond

.23 CEC / 1.5 CME

Marquis South

Moderators:

Caleb Cornaby, PhD, F(ACHI)

Chantale Lacelle, PhD, F(ACHI)

Investigating HLA-DRB1 genotypes as contributing risk factors for Staphylococcus aureus bacteremia

Annette Jackson, PhD

High-resolution MHC sequencing reveals local genetic architecture of multiple sclerosis in a trans-ethnic cohort

Kristen Wade, PhD

LILR and LAIR gene capture for long read sequencing-based typing

Pascal van der Waaele

KIR2DL1*001/HLA-C2 is associated with risk for Multiple Sclerosis

Jacqueline Williams, MS

Comparing the Performance of Devysers and CareDx NGS-based Assays for Monitoring Donor-derived Cell-free DNA in Kidney Allografted Patients

Annette Plesner, MSc, PhD

Correlation between real time PCR and NGS on deceased donor typing and its impact on the virtual crossmatch

Sarah Grewal, DO, MPH

2:45pm – 4:15pm

Practical Applications: Featuring the International Scholar Awardee's Presentation

Marquis North

.23 CEC / 1.5 CME

Moderators:

Deanna Fang, MD, A(ACHI)

Ahmed Mostafa, MD, PhD, F(ACHI)

Varying potency of self/cancer peptides in KIR3DL1 recognition of HLA-A*24:02

Shanghik Barani

Using MagSort to identify DSA eplets in a high PRA patient serum and reveal a unique novel HLA-A*01:01 reaction pattern.

Tri Vu, PhD

Absence of the GSTT1 gene in a recipient can cause Anti-GSTT1 Non-HLA Antibody Development Contributing to AMR

Maanika Nunugonda, BS

A Case of Unexpected Positive T Cell Flow Crossmatch: Ibalizumab Interference and How to Avoid It

Wei Zhang, PhD

Apparent maternal exclusion explained by a MICA deletion

Ina Skaljic, PhD, MS, MB(ASCP)cm

Novel Desensitization Strategy in a Highly Sensitized Heart/Liver Transplant Candidate Using Imlifidase

Eszter Lazar-Molnar, PhD

2:45 PM – 4:15 PM

Workshop 6: Roadmap for Laboratory Data Standards

.23 CEC / 1.5 CME

Marquis Center

Moderators:

Abeer Madbouly, PhD

Benedict Matern, PhD

History of typing and the need for data standards

Steve Mack, PhD

Data standards in the histocompatibility laboratory

Loren Gragert, PhD, A(ACH)

Applications of antibody data in HCT

Martin Maiers, MS

A possible future of data reporting for SOT

Amelia Devereaux, CSPO

4:15pm – 5:45pm

Plenary IV: Implementation of Precision Medicine Approaches to Reduce Alloimmune Injury and Prolong Kidney Allograft Survival

.23 CEC / 1.5 CME

Marquis Center

Moderators:

Patricia Campbell, MBChB, FRCPC

Jenny Tran, PhD

Utilizing Proteomic Based Platforms as Biomarkers for Allograft Injury, Dysfunction and/or Rejection

Ana Konvalinka, MD, PhD, FRCPC

Implementation of Eplet Mismatch Analysis to Inform Induction Therapy in Kidney Transplantation

James Lan, MD, FRCPC, D(ACH)

National Implementation of Precision Medicine in Transplantation

Paul Keown, MD, DSc, MBA, FACP, FASN, FAST, FRCP, FRCPC, FRCPATH, FRSC, FRSB

5:45pm – 6:00pm	<p><u>IHIWS Update</u> <i>Marquis Center</i> Speaker: Katsuski Tokunaga, PhD</p>	
6:00pm – 6:30pm	<p><u>Annual Business Meeting and Update</u> <i>Marquis Center</i> Linda Buckert, MT(ASCP), SBB, CHS Katherine Giovetsis, CAE, IOM Luis Hidalgo, PhD, F(ACHI) Carey Killion, BS, MT(ASCP), CHS(ACHI) Rob Liwski, MD, PhD, FRCPC, F(ACHI) Cathi Murphey, PhD, HCLD/CC(ABB), A(ACHI) Doreen Sese, CHS</p>	.08 CEC / .5 CME
9:00pm – 11:00pm	<p><u>Networking Reception</u> <i>Orange County 1 - 4</i></p>	
Friday, October 25, 2024		
7:30am – 11:30am	<p><u>Registration</u> <i>Marquis Foyer</i></p>	
8:00am – 9:00am	<p><u>Coffee & Compatibility LIVE!</u> <i>Marquis Center</i> Hosts: Kelley Hitchman, MS, PhD, F(ACHI) Jeremy Sherrill, CHS (ACHI) Eric Weimer, PhD, D(ABMLI), F(ACHI) Speakers: Anne Halpin, PhD, A(ACHI) Annette Jackson, PhD Rebecca Upchurch</p>	.15 CEC / 1 CME
9:00am – 10:30	<p><u>Plenary V: The Role of HLA Matching in Allogeneic Cellular Therapies</u> <i>Marquis Center</i> Moderators: Abeer Madbouly, PhD Melody Zhang, MD, A(ACHI)</p> <p><i>Introduction of History and Landscape of Allo Cellular Therapies (and HLA considerations)</i> Heather Stefanski, MD PhD</p> <p><i>The Role of HLA and Histocompatibility for Donor Selection in Emerging Allo Cellular Therapies</i> Colleen Delaney, MD, MSc</p> <p><i>The Role of the Lab in Supporting and Advising on Histocompatibility Considerations for Cellular Therapies</i> Ketty Gendzekhadze, MSc, PhD, F(ACHI)</p>	.23 CEC
10:30am – 12:00pm	<p><u>Closing Session: Is your Lab Ready for Xenotransplantation?</u> <i>Marquis Center</i> Moderators:</p>	.23 CEC / 1.5 CME

Cathi Murphey, PhD, HCLD/CC(ABB), A(ACHI)

Doreen Sese, CHS

The Clinical Implementation of Xenotransplantation – What Patients Can Benefit?

Joseph Ladowski, MD, PhD

Xenocompatibility Assessment – What Should We Be Testing For?

Sam Ho, PhD, F(ACHI), FADLM

The Role of the Histocompatibility Laboratory in Xenotransplantation

Julie Houp, MS, CHS

Lesson learned from Histocompatibility Testing for Xenotransplantation

Massimo Mangiola, PhD, A(ACHI)