



Current Topics in Histocompatibility & Transplantation

A Unique Continuing Education Opportunity

2012 Teleconference Series

Sponsored by

Sandra Rosen-Bronson, Ph.D., D.(ABHI)

Georgetown University

Washington, DC

An ABHI Approved Continuing
Education Program

Current Topics in Histocompatibility and Transplantation for Technologists

This series of twenty interactive lectures, moderated by Dr. Sandra Rosen-Bronson, will reach hundreds of individuals through real-time, ninety minute in-depth audio conferences involving organizations and people from around the world. Without ever leaving your laboratory or office, you can listen to expert scientists and key decision makers thousands of miles away. Additionally, you can ask questions and get immediate answers as well as listen to other participants' questions. This convenient and cost-effective educational tool will allow you to keep current in the field of histocompatibility testing and transplantation. Each participant will earn ABHI Continuing Education Credit (CEC) equal to 1.5 contact hours or 0.225 CEC per lecture.

Frequently Asked Questions

How Does a Teleconference Work? Three to five days before each lecture, a teleconference packet is mailed to your site coordinator. The packet will contain the lecture slides as a PowerPoint file and a PDF file, handouts as a PDF file, and detailed conference instructions all on a CD-ROM. At the scheduled time on the day of the lecture, your site must call the telephone number provided in the lecture packet. U.S. participants receive a toll-free telephone number. International participants may incur additional telephone charges. Once all conference sites have been connected, participants view the slide show as they listen to the lecturer. You will have an opportunity to participate in a question and answer session at a midpoint and at the completion of the lecture. All teleconferences are scheduled to start at 1:00 P.M. (Eastern Time) and last approximately ninety minutes.

What If the CD Doesn't Work Properly? If the CD you receive does not function properly, it will be replaced at no charge. As soon as you receive your conference packet, please verify that the CD contains the correct PowerPoint file and that it functions properly in your computer system. If you experience any difficulty with the CD or have a problem opening the files, contact us immediately.

What If We Haven't Received the Packet? If you do not receive your conference packet, please contact us no later than one day prior to the conference so that there is time for us to re-ship materials if necessary.

What Equipment Do We Need On Site? You will need an LCD projector or computer with a monitor and a speakerphone.

How Do We Register? Complete the registration form. Fax the form to: (202) 944-2343. Send the original registration form with complete credit card information or a check made payable to Georgetown University to:

U.S. Mail:

Sandra Rosen-Bronson
Box 571438
Georgetown University
3900 Reservoir Road NW
Washington, DC 20057-1438

Overnight Courier:

Sandra Rosen-Bronson
Preclinical Science Bldg, Room LE8H
Georgetown University
3900 Reservoir Road NW
Washington, DC 20007

In order to ensure your registration, it is important to write our **complete and exact address as listed above**.

Cancellation Policy: Cancellations which occur 21 days or more prior to the date of the first lecture for which your site has registered are fully refundable less a nonrefundable deposit of \$50. For cancellations which occur from 21 to 14 days prior, 50% of the lecture series fee will be forfeited. No refunds are possible after 14 days prior to the starting date. All cancellation requests **must be submitted in writing**.

Further Questions: If you have any questions, please visit our website at www.ctht.info or contact us at:

Tel: (202) 784-5518 or (202) 687-8924
Fax: (202) 944-2343
Email: andre.thalberg@georgetown.edu

2012 Teleconference Schedule

All dates are Tuesdays and all lectures begin at 1:00 P.M. (Eastern Time)

March 20, 2012

NMDP Matching Guidelines: What's New

presented by Carolyn Hurley, Ph.D.

Georgetown University and the C. W. Bill Young Marrow Donor Program
Washington, DC

Participants in this conference will learn about the latest guidelines from the NMDP for donor matching. They will learn how these recommendations were developed based on clinical research into the effect of HLA matching on bone marrow transplant outcomes.

April 17, 2012

Introduction to Bone Marrow Transplant

presented by Sandra Rosen-Bronson, Ph.D.

Histocompatibility Laboratory, Georgetown University Hospital
Washington, DC

This beginner level lecture will provide an overview of hematopoietic stem cell (HSC) transplant. Participants will learn about stem cell sources, diseases that can be treated, how a HSC transplant is performed, and the challenges faced by patients and the clinicians who care for them.

May 1, 2012

Understanding the ASHI Accreditation Process

presented by Melissa Weeks, B.S.

Accreditation Manager, ASHI Accreditation Office
St. Paul, MN

This conference will be an introduction to the ASHI accreditation process. Participants will learn about the accreditation review board (ARB) and its staff, as well as the application and inspection processes.

May 15, 2012

Organ Donation through the Eyes of the OPO Coordinator

presented by Immanuel Rasool, B.S.

Washington Regional Transplant Community
Annandale, VA

Participants in this conference will learn about the steps involved in organ donation from the perspective of organ procurement professionals. This A to Z overview will discuss steps from approaching potential donor families to the final allocation of organs to recipients.

May 22, 2012

Understanding the Causes of Kidney Transplant Failure

presented by Philip Halloran, M.D., Ph.D.

Alberta Transplant Applied Genomics Centre
Edmonton, AB, Canada

Late failure of kidney transplants remains an important clinical problem. Participants will learn about the findings of a study that looked at failed transplants with the aim of determining the cause of graft failure.

June 26, 2012

The C1q Assay: A Useful Tool in Guiding Clinical Practice

presented by John Lunz, Ph.D.

Tissue Typing Laboratory, University of Pittsburgh School of Medicine
Pittsburgh, PA

As more laboratories are evaluating the C1q assay for detecting complement binding, the growing question is how to best use the information gained from this test. Participants in this conference will learn about UPMC HLA laboratory's experiences with the C1q assay, as well as their perspective on how to interpret and use the results.

July 31, 2012

The Center for International Blood and Marrow Transplant Research (CIBMTR)

presented by Stephen Spellman, M.B.S.

National Marrow Donor Program
Minneapolis, MN

The CIBMTR collaborates with the global scientific community to advance hematopoietic stem cell transplantation and cellular therapy research worldwide. Participants will learn about the CIBMTR, its available resources, and ongoing immunobiology working group studies.

August 14, 2012

Bortezomib (Velcade) for Depletion of Plasma Cells and Removal of HLA Antibodies

presented by Matthew Everly, Pharm.D.

Terasaki Foundation Laboratory
Los Angeles, CA

Participants will learn about the mechanisms of action of the proteasome inhibitor, Bortezomib. In addition, the speaker will review multicenter data on antibody reduction and rejection reversal following Bortezomib treatment.

August 28, 2012

Harmonization of HLA Data Reporting

presented by Dawn Wagenknecht, M.S., C.H.S.

St. Francis Hospital
Indianapolis, IN

Participants will learn about the efforts of a workgroup focused on developing universal international guidelines for HLA terminology, definitions of resolution level, format for reporting HLA assignments, and match reporting for transplantation.

September 11, 2012

Single Cell Mass Cytometry

presented by Sean Bendall, Ph.D.

Department of Microbiology and Immunology, Stanford University
Stanford, CA

Flow cytometry is an important tool for understanding the functional complexity of peripheral blood cells and their roles in immune networks. Participants will learn what single-cell mass cytometry is and how it can be used to study the immune system, hematopoiesis, and more.

September 18, 2012

The Immunogenomics Data-Analysis Working Group

presented by Jill Hollenbach, Ph.D.

Center for Genetics, Children's Hospital Oakland Research Institute
Oakland, CA

Participants will learn how investigators from all over the world are working together to develop methods, standards, tools and recommendations for recording, storing and sharing immunogenomic data. Progress toward the groups' several goals will be discussed.

September 25, 2012

Six-Locus High-Resolution HLA Haplotype Frequencies

presented by Loren Gragert, M.S.

National Marrow Donor Program
Minneapolis, MN

Participants in this conference will learn about a recent NMDP study that used all Be The Match® USA Registry donors typed by DNA-based methods at the time of recruitment to calculate A/B/C/DRB1/DRB3,4,5/DQB1 haplotype frequencies. They will also learn about how these haplotype frequencies have been used to improve match predictions for donor selection algorithms.

October 16, 2012

Biological Function and Clinical Relevance of Antibodies to HLA Antigens

presented by Elaine Reed, Ph.D.

UCLA Immunogenetics Center
Los Angeles, CA

The development of anti-HLA antibodies following transplantation increases the risk of developing acute and chronic antibody-mediated rejection (AMR). Participants will learn about current research into the mechanisms involved in anti-HLA antibody-mediated graft injury.

October 30, 2012

Clinical Relevance of Donor Specific Antibody (DSA)

presented by Alin Girmata, M.D.

Transplant Immunology, Hoxworth Blood Center, University of Cincinnati
Cincinnati, OH

Precise detection and characterization of donor specific antibody is critical to predicting its potential effect on transplant outcome. Participants in this conference will learn how thorough characterization of individual HLA antibodies including epitope and immunoglobulin subtype analyses can help predict clinical relevance.

November 6, 2012

UNOS Histocompatibility Committee Update

presented by Nancy Reinsmoen, Ph.D.

Cedars-Sinai Medical Center
Los Angeles, CA

This conference will provide participants with an update on current UNOS/OPTN policies, as well as ongoing and proposed initiatives. Discussion topics will include the new kidney allocation system, the sliding scale for allocation points based on level of cPRA, and organ sharing programs for highly sensitized patients.

November 13, 2012

The Flowcytometric Crossmatch: A New Approach

presented by Robert Liwski, M.D., Ph.D.

HLA Typing Laboratory, Queen Elizabeth II Health Sciences Centre
Halifax, Nova Scotia, Canada

Over the years the flowcytometric crossmatch has become one of the mainstays of most histocompatibility laboratories. Participants in this conference will learn about innovative time saving modifications to this important assay.

November 20, 2012

The Role of Natural Killer (NK) Cells in Solid Organ Transplantation

presented by Ilias Doxiadis, Ph.D.

Eurotransplant Reference Laboratory, Leiden University Medical Center
Leiden, The Netherlands

It has been shown that NK cells play a role in allogeneic stem cell transplantation. Recent studies also suggest a similar role in solid organ transplantation. Participants will learn about how KIR ligand-mismatches may impair long term graft survival and will hear about a multicenter initiative focused on confirming and extending these findings.

November 27, 2012

Antibody Testing Pre- and Post-Transplant: A Clinician's Perspective

presented by Patricia Campbell, M.B.Ch.B., M.R.C.P. (UK), F.

University of Alberta Hospitals
Edmonton, AB, Canada

Participants will hear about different approaches to antibody testing tailored by organ type, clinical urgency, and program specific philosophy. Discussion will include post-transplant monitoring and correlation of donor specific antibody with pathology.

December 4, 2012

HLA-DPA/DPB Haplotypes and Amino Acid Epitopes

presented by Jill Hollenbach, Ph.D.

Center for Genetics, Children's Hospital Oakland Research Institute
Oakland, CA

Participants will learn about a study that evaluated DPA1 and DPB1 four-digit allele-level typing in nearly 6,000 unrelated European American stem cell donors. New insights into the functional units of selection and association for the DP heterodimer will be discussed along with the notion that for disease association and transplantation, molecular context may be more important than individual allele associations.

December 11, 2012

Introduction to T and B Cell Biology

presented by Jennifer Zitzner, Ph.D.

Transplant Immunology Laboratory, Northwestern University
Chicago, IL

The knowledge of T and B cell development and regulation has expanded exponentially in recent years. The conference will provide participants with an overview of basic T and B cell biology, as well as advances that highlight the role of these cells in transplantation.



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