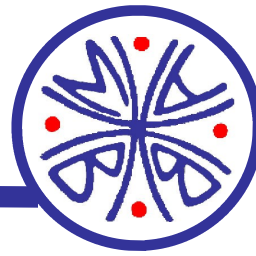


67TH ANNUAL MEETING

SEPTEMBER 22ND & 23RD, 2021



TRANSFUSION
MEDICINE
UPDATE
2021

67TH ANNUAL MEETING

COURSE DESCRIPTION

In accordance with the Michigan Association of Blood Banks (MABB) mission statement, the 67th annual meeting program consists of many diverse topics with a linked theme of promoting the highest standard of patient care for our respective patient populations. We would like to focus on the sessions that will be presented at this year's meeting.

First, we are very pleased to announce that the Kay Beattie Lectureship speaker this year is Mary Lieb, MT (ASCP)SBB, CQA(ASQ). She is a technical and quality consultant and currently serves as Interim Quality Director and Technical Consultant at the Blood Bank of Hawaii. She is well known for her expertise in blood bank quality and for her ability to teach her skills to others. She began her career by earning a Bachelor of Science degree in Medical Technology from Indiana University of Pennsylvania and proceeded to achieve Specialty Certification in Blood Banking from the American Society of Clinical Pathology, Quality Auditor Certification from the American Society of Quality, and Green Belt Certification in Lean / Six Sigma Methodologies. She acts as an AABB assessor and College of American Pathologists inspector. She gave the presentation "Inspectors/Assessors/Surveyors: Are You Ready?" at the 2020 MABB annual meeting.

Other topics include platelet component bacterial risk control, thinking inside the box, chimeric antigen receptor T cell (CAR-T cell) therapy, incompatible blood transfusions, autoimmune hemolytic anemia, blood group diversity, therapeutic apheresis, transitioning into leadership, and paid platelet donors. In addition, we will review interesting clinical and serological cases from Michigan hospitals. Join us for this exciting program!

The target audience for this program is physicians, house officers, nurses, and other healthcare professionals.

COURSE OBJECTIVES

At the conclusion of this program, participants will be able to:

- Review history of quality and compliance for transfusion services and blood centers, discuss the evolution of the blood banking industry and how quality has impacted leadership, and consider how the COVID-19 pandemic has impacted our roles for leadership and training in the future
- For bacterial contamination of platelets, define the quantitative risks, compare and contrast different risk control strategies that use testing, and consider the optimal strategy/strategies for risk mitigation
- Consider how ambiguity impacts individuals and teams, explore tools and techniques for dealing with uncertainty / ambiguity, and understand the "yes, and" concept
- Describe CAR-T cells structure, function, and indications; recognize the role of transfusion medicine services in the care of patients receiving CAR-T cell therapy including: Apheresis, Blood bank, and Cellular therapy laboratory; and understand the potential consequences and benefits of transfusing incompatible red blood cells, platelets, and plasma
- For autoimmune hemolytic anemia, recognize the types, discuss laboratory findings and approaches to the blood bank workup, and describe clinical considerations for transfusion therapy
- Describe the classification of human red cell blood groups
- Discuss the molecules expressing blood group antigens and their functions
- Compare the clinical importance of blood group antigens
- Categorize appropriateness of apheresis for treating illness using evidence based guidelines
- Discuss mechanics and pathophysiology of apheresis
- Review replacement fluid options and potential adverse events in apheresis
- Know your why when considering leadership, gain greater understanding of leadership responsibilities, and discover your best route to attain leadership
- Become familiar with the current status and vulnerability of platelet supply in the United States
- Become informed of a recent successful paid blood donation program and current status of safety utilizing paid donors in the plasma industry
- Become aware of and consider the potential of incorporating safe paid programs for platelet donors to help mitigate the current blood supply and demand challenges faced in the United States

THIS YEAR'S ANNUAL MEETING WILL BE VIRTUAL THROUGH ZOOM.

MABB 67TH ANNUAL MEETING AGENDA

There will be a 10-minute break between sessions.

Wednesday, September 22nd

Moderators: Sheri Hugan, Terri Tallmadge

- 8:00 Introduction & Welcome
Sheri Hugan, BS, MLS^{CM}(ASCP)SBB^{CM}, MABB
President
- 8:10 2021 Kay Beattie Lecture
Playing It Forward: Leadership and Quality
for Our Future
Mary A. Lieb, BS, MT(ASCP)SBB, CQA(ASQ)
- 9:20 Platelet Component Bacterial Risk Control:
An Evolution in Progress
Ryan Metcalf, MD, CQA(ASQ)
- 10:30 Think Inside the Box
Amy Dixon, MBA
- 11:30 MABB business meeting
Breakout rooms for meeting with vendors
- 1:00 Transfusion Medicine ABC's of CAR-T's:
Chimeric Antigen Receptor T Cell Therapy
from the Apheresis, Blood Bank and Cellular
Therapy Laboratory Perspective
Suzanne R. Thibodeaux, MD, PhD
- 2:10 Incompatible Blood Transfusions: Are Our
Antibodies Really So Perverse?
Craig Fletcher, MD
- 3:20 Clinical Case Studies
Moderator: Chisa Yamada, MD
Thomas Herb, MD
Oluwayomi Oyedeji, MD
David Nai, MD
- 4:20 Adjournment

Thursday, September 23rd

Moderators: Sheri Hugan, Terri Tallmadge

- 8:00 Introduction & Welcome
Sheri Hugan, BS, MLS^{CM}(ASCP)SBB^{CM}, MABB
President
- 8:10 Autoimmune Hemolytic Anemia: Case
Conference
Anne Eder, MD, PhD
- 9:20 Blood Group Diversity and Its Impact on
Transfusion Medicine
Geoff Daniels, PhD, FRCPath
- 10:30 Therapeutic Apheresis: A Practical Review
Walter E. Kelley, DO, FCAP
- 11:30 Breakout rooms for meeting with vendors
- 1:00 Transitioning into Leadership
Salika Devine, MS, BB(ASCP)^{CM}
Billie Ketelsen, MS, MLS(ASCP)MB
Krystal Johnson, MPH, MLS(ASCP)^{CM}
- 2:10 The Platelet Supply - Is Utilization of Paid
Donors a Sensible Option or Heresy?
James R. Stubbs, MD
- 3:20 Serological Case Studies
Moderator: Ryan Pierce, CLS(ASCP)
Loretta Dickinson, MLS(ASCP)^{CM}
Kevin Ginnebaugh, MD
Alyse Gschwender, MS, MLS(ASCP)^{CM}SBB^{CM}
- 4:20 Closing remarks
- 4:30 Adjournment

P.A.C.E. CREDIT

MABB is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® program. Credit will be given for live broadcast sessions only. The level of instruction is Intermediate. **Attendees can get up to 12 P.A.C.E. credit hours.**

CONTINUING MEDICAL EDUCATION CREDIT

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of Michigan Medical School and the Michigan Association of Blood Banks. The University of Michigan Medical School is accredited by the ACCME to provide continuing medical education for physicians. The University of Michigan Medical School designates this live activity for a maximum of 12.75 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

PROGRAM COMMITTEE

Salika Devine, MS, BB(ASCP)^{CM}
Terry Downs, MT(ASCP)SBB
Louise DuRussel, BS
Dana Griffin, MBA, MLS(ASCP)^{CM}
Janis Hamilton, MS, MT(ASCP)SBB
Sheri Hagan, BS, MLS^{CM}(ASCP)SBB^{CM}, vendor and P.A.C.E. coordinator
Sherwin Imlay, MD
Tammon Nash, MD, MS
Zaher Otrrock, MD
Ryan Pierce, CLS(ASCP), moderator for serological case studies
Darlene Sanders, MS, MT(ASCP)SBB
John Sherbeck, MD
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Kayla Waider, MLS(ASCP)^{CM}
Angela Wholehan, MLS(ASCP)^{CM}
Chisa Yamada, MD, moderator for clinical case studies
Loretta Dickinson, MLS(ASCP)^{CM}
Laura Cooling, MD, faculty planner for CME

MABB thanks the following organizations for their support.

Kay Beattie Lectureship: Versiti

Level 1 sponsor: Versiti

Level 2 sponsors: American Red Cross, Quotient, Grifols, Alexion

- Register by 5 pm on 9/21/2021 at <https://mabb.org/events/annual-meeting/> (preferred), by faxing the form on the next page to the attention of Terry Downs at 734-936-6855, or by mailing the form to the address on that page. Email questions about registration to Terry Downs at mabbofficemanager@gmail.com. After registering, you will receive an email with the link to the meeting website.
- Presentation evaluations will be displayed at the end of each session and are anonymous.
- Continuing education certificates will be emailed to paid attendees after the meeting based on attendance records at the Zoom sessions.

FACULTY

Geoff Daniels, PhD, FRCPath

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Michigan Medicine, Ann Arbor, MI

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Vice President of People and Culture
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Interim Quality Director and Technical Consultant, Blood Bank of
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Pathology House Officer III
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Pathology Resident, PGYIII
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James R. Stubbs, MD

Chair, Transfusion Medicine
Mayo Clinic, Rochester, MN

Suzanne R. Thibodeaux, MD, PhD

Assistant Professor, Pathology & Immunology
Washington University School of Medicine in St Louis, St Louis, MO

MABB OFFICERS

Sheri Hagan, BS, MLS^{CM}(ASCP)SBB^{CM}, President
Barry Siegfried, MD, President-Elect
Tammon Nash, MD, MS, Immediate Past-President
Terry Downs, MT(ASCP)SBB, Treasurer
Kayla Waider, MLS(ASCP)^{CM}, Secretary
Salika Devine, MS, BB(ASCP)^{CM}, Member-at-Large
John Sherbeck, MD, Member-at-Large
Kathryn Watkins, MT(ASCP), Member-at-Large
Angela Wholehan, MLS(ASCP)^{CM}, Member-at-Large

MABB MISSION STATEMENT

The mission of the Michigan Association of Blood Banks is to promote the highest standard of care for patients and donors in all aspects of blood banking, transfusion medicine, apheresis and hematopoietic and tissue transplantation, by making available affordable educational and networking opportunities for professionals in the field.

**TRANSFUSION
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2021**



MICHIGAN ASSOCIATION OF BLOOD BANKS
1701 SAUNDERS CRESCENT
ANN ARBOR, MI 48103

REGISTRATION FORM

Name _____

Credentials MT(ASCP) MLS(ASCP) SBB
(check all that apply) MD PhD Other _____

Institution/Employer _____

Preferred Mailing Address: Home Work

Address _____

City _____ State _____ ZIP _____

Work Phone _____ Fax _____

Home Phone _____ Email _____

Type of Member _____ (see below)

MABB MEMBERSHIP DUES

Student or resident, first year of membership	No charge
Student or resident, after first year of membership	\$35
Individual non-physician	\$40
Individual physician	\$70
Institution	\$85

If you are not currently an MABB member and wish to join at this time, or if you need to renew your 2021 membership, you may register at the member rate. New memberships will be valid through **December 2022**. Current MABB members may also pay their 2021 or 2022 membership dues with this registration.

NEW membership 2021 renewal 2022 renewal

PLEASE RETURN REGISTRATION FORM BY

**5 PM ON
9/21/2021
TO:**

Michigan Association of Blood Banks
Attn: Terry Downs
1701 Saunders Crescent, Ann Arbor, MI 48103
FAX: 734-936-6855

MABB 67TH ANNUAL MEETING

SINGLE DAY

Please indicate day attending: Wed Thur

MABB Member*	\$25	\$ _____
Non-Member**	\$40	\$ _____
Med Tech Student/Resident	\$15	\$ _____

BOTH DAYS

MABB Member*	\$50	\$ _____
Non-Member**	\$80	\$ _____
Med Tech Student/Resident	\$25	\$ _____

MEMBERSHIP DUES

\$ _____

TOTAL REMITTANCE

\$ _____

Online Payments now accepted at:

<https://mabb.org/events/annual-meeting/>

- Check enclosed
- Credit Card (Visa/Mastercard/Discover)

Name on card _____

Credit card number _____

Billing address of card _____

City _____ State _____ ZIP _____

Exp. Date _____ Signature _____

CVC Number _____ (3-4 digit code on back of card)

* Each institutional member may send ONE non-member at the member rate. All others must be individual members to qualify for member rate.

** Non-members who apply for membership with this registration may register at the member rate and membership will be valid through December 2021.