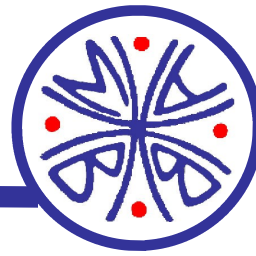


70TH ANNUAL MEETING

SEPTEMBER 25TH & 26TH, 2024



TRANSFUSION
MEDICINE
UPDATE
2024

COURSE DESCRIPTION

In accordance with the Michigan Association of Blood Banks (MABB) mission statement, the 70th annual meeting program consists of presentations on many diverse topics with a linked theme of promoting the highest standard of patient care for our respective patient populations. After completing this activity, participants will be able to utilize best practices in donor recruitment, blood bank management, and management of various transfusion medicine cases.

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

COURSE TOPICS

- Rediscovering joy at work
- Blood bank management
- Understanding the blood donor market and donor motivation
- Major discoveries, regulation, and standardization in transfusion medicine
- Transfusion service quality improvement
- Integrating machine learning into blood bank management
- The path to a freeze-dried whole blood analogue
- Emergency release of red blood cells
- Interaction of transplant patients' RBC alloantibodies with donor allografts
- Whole blood transfusion in trauma
- Safety of RhD-positive transfusions for RhD-negative recipients
- Clinical cases: optimizing collections for cellular therapy products, using the Super Coombs test in diagnosing hemolytic anemia, therapeutic plasma exchange in a patient with diffuse alveolar hemorrhage and systemic lupus erythematosus, use of the Alloantibody Exchange in a patient without a known transfusion history
- Serologic cases: autologous and directed donations and transfusions, effects of low-titer group O whole blood on non-group O patients, ABO discrepancies in bone marrow transplantation

70TH ANNUAL MEETING

THIS YEAR'S ANNUAL MEETING
WILL BE HELD IN PERSON AT:

SCHOOLCRAFT COLLEGE
VISTATECH CENTER
18600 HAGGERTY ROAD,
LIVONIA MI 48152
734-462-4400

MABB 70TH ANNUAL MEETING AGENDA

Wednesday, September 25th

Moderators: Krystal Strockis, MPH, MLS(ASCP)^{CM};
Salika A. Devine, MS, BB(ASCP)^{CM}

- 8:00 Registration and Breakfast
- 8:30 Introduction & Welcome
John Sherbeck, MD, MABB President
- 8:40 Synthetic Biology Meets Bio-inspired
Engineering: Path to a Freeze-Dried Whole
Blood Analogue
Allan Doctor, MD
- 9:40 Whole Blood Is Great for Trauma Patients
and RhD Positive Transfusions Are Safe
Mark Yazer, MD
- 10:30 Refreshments and Exhibits
- 11:00 Blood Donors: Drivers, Values and Thrives
Martin H. Bluth, MD, PhD
- 11:50 Lunch and Exhibits
- 12:35 MABB Business Meeting
- 1:20 Discoveries and Decisions in Transfusion
Medicine: 1900 to the Present
Suzanne Butch, MA, MLS(ASCP)SBB, DLM
- 2:10 We Want to Do Better: Improving Your
Transfusion Service
Jeannie Callum, MD
- 3:10 Refreshments and Exhibits
- 3:20 Clinical Case Studies
Moderator: Tammon Nash, MD
Christopher Henderson, MD, PhD
Isabella Holmes, DO
Asmita Shukla, MB, BS
Tala Tawil, MB, BS
- 4:35 Adjournment

Thursday, September 26th

Moderators: Loretta Dickinson, MLS(ASCP)^{CM}; Angela
Wholehan, MS, MLS(ASCP)^{CM}SBB^{CM}

- 8:00 Registration and Breakfast
- 8:30 Introduction & Welcome
John Sherbeck, MD, MABB President
- 8:40 Integrating Machine Learning into Blood Bank
Inventory Management
Jerome Cheng, MD, and Jensyn Cone
Sullivan, MD
- 9:30 Rediscover Joy At Work
Amy Arft, MBA
- 10:20 Refreshments and Exhibits
- 10:50 Emergency Release of Red Blood Cells
Aaron D. Shmookler, MD
- 11:40 Lunch and Exhibits
- 12:40 RBC Alloantibodies in Transplant Patients and
the Histologic Distribution of RBC Group
Antigens in Deceased Donor Allografts
Lindsey Wlosinski, PhD, MLS(ASCP)^{CM}SBB^{CM},
CHT(ACHI)
- 1:30 So You Wanna Be a Blood Bank Manager
Alisa Bain, BS
- 2:30 Refreshments and Exhibits
- 3:20 Serological Case Studies
Moderator: Loretta Dickinson, MLS(ASCP)^{CM}
Kimberly Blanc, MLS(ASCP)^{CM}
Ann Fuelle-Kulchycki, MLS(ASCP)^{CM}
Xinyan Jiang, BS
- 4:20 Closing remarks

PROGRAM COMMITTEE

Laura Cooling, MD, planner
University of Michigan
Salika Devine, MS, BB(ASCP)^{CM}, co-planner and committee chair
Henry Ford Health
Loretta Dickinson, MLS(ASCP)^{CM}, co-planner
University of Michigan
Terry Downs, MT(ASCP)SBB, co-planner
University of Michigan
Arthur Bradley Eisenbrey, MD, PhD, co-planner
Wayne State School of Medicine
Sheri Hugan, BS, MLS(ASCP)^{CM}SBB^{CM}, co-planner, vendor and P.A.C.E. coordinator
University of Michigan
Tammon Nash, MD, MS, co-planner
Detroit Medical Center
John Sherbeck, MD, co-planner
Trinity Health Ann Arbor
Barry Siegfried, MD, co-planner
American Red Cross
Krystal Strockis, MPH, MLS(ASCP)^{CM}, co-planner
University of Michigan Health-West
Angela Wholehan, MS, MLS(ASCP)^{CM}SBB^{CM}, co-planner
Michigan State University

- **Register as soon as possible, preferably by 5 pm on September 24. On-site registration will be offered.**
- Register at <https://mabb.org/events/annual-meeting/annual-meeting-registration/> (preferred), by faxing the form on the next page to the attention of Terry Downs at 734-936-6854, or by mailing the form to the address on that page. Email questions about registration to Terry Downs at mabbofficemanager@gmail.com.
- For P.A.C.E. credit, a unique number code will be read at the end of each session. Participants can then enter the code into CE Organizer (<https://ceorganizer.ascls.org/login>) to take a survey and generate a P.A.C.E. certificate. (NOTE: ASCLS membership is not required to use CE Organizer.)

FACULTY

Amy Arft, MBA

Vice President of People and Culture
EEI Global, Inc, Rochester Hills, MI

Alisa Bain, BS

Administrative Director of Operations
Trinity Health Ann Arbor, Brighton, Livingston, and Chelsea

Kimberly Blanc, MLS(ASCP)^{CM}

Medical Laboratory Scientist Specialist
Michigan Medicine

Martin H. Bluth, MD, PhD

Chief, Blood Transfusion and Donor Services
Maimonides Medical Center, Brooklyn, NY

Suzanne Butch, MA, MLS(ASCP)SBB, DLM

Retired from Michigan Medicine

Jeannie Callum, MD

Professor and Director of Transfusion Medicine
Queen's University and Kingston Health Sciences Centre, Kingston,
Ontario, Canada

Jerome Cheng, MD

Clinical Associate Professor of Pathology
University of Michigan

Jensyn Cone Sullivan, MD

Director, Blood Bank
Michigan Medicine

Allan Doctor, MD

Professor of Pediatrics and Bioengineering; Director, Center for
Blood Oxygen
University of Maryland School of Medicine

Ann Fuelle-Kulchycki, MLS(ASCP)^{CM}

Lead Immunohematology Scientist
Corewell Health West Butterworth Hospital, Grand Rapids, MI

Christopher Henderson, MD, PhD

Pathology House Officer – PGY2
University of Michigan

Isabella Holmes, DO

House Officer III
University of Michigan

Xinyan Jiang, BS

Medical Laboratory Scientist
Michigan Medicine

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Section Director, Blood Bank and Coagulation Laboratory
UK HealthCare, Lexington, KY

Asmita Shukla, MB, BS

Fellow, Division of Hematology/Medical Oncology
Karmanos Cancer Institute

Tala Tawil, MB, BS

Pathology Resident
Henry Ford Health

Lindsey Wlosinski, PhD, MLS(ASCP)^{CM}SBB^{CM}, CHT(ACHI)

Postdoctoral Fellow
Michigan State University

Mark Yazer, MD

Professor of Pathology
University of Pittsburgh, Pittsburgh, PA

MABB OFFICERS

John Sherbeck, MD, President
Salika Devine, MS, BB(ASCP)^{CM}, President-Elect
Angela Wholehan, MS, MLS(ASCP)^{CM}SBB^{CM}, Past-President
Terry Downs, MT(ASCP)SBB, Treasurer
Krystal Strockis, MPH, MLS(ASCP)^{CM}, Secretary
Brigitte Becker, MT(ASCP)^{CM}SBB, Member-at-Large
Loretta Dickinson, MLS(ASCP)^{CM}, Member-at-Large
Timothy Mervak, MD, Member-at-Large
Nada Naiyer, MD, 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.

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 (CME) 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 number of *AMA PRA Category 1 Credit(s)*™ to be determined. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ELECTION OF MABB OFFICERS FOR 2025

In accordance with the MABB bylaws, officers for 2025 will be elected during the business meeting. The Nominating Committee nominates the following candidates.

President-Elect: Nada Naiyer, MD
Member-at-Large: Frank S. Morden, MBA, MLS(ASCP)^{CM}
Member-at-Large: Jordan Walraven, MLS(ASCP)SBB^{CM}
Secretary: Krystal Strockis, MPH, MLS(ASCP)^{CM}
Treasurer: Cristey Pebley, CLS(ASCP)SBB^{CM}

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	\$25
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 2024 membership, you may register at the member rate. New memberships will be valid through **December 2025**. Current MABB members may also pay their 2024 or 2025 membership dues with this registration.

NEW membership 2024 renewal 2025 renewal

PLEASE RETURN REGISTRATION FORM BY

**5 PM ON
9/24/24**

TO:

Michigan Association of Blood Banks
Attn: Terry Downs
1701 Saunders Crescent, Ann Arbor, MI 48103
FAX: 734-936-6854

MABB 70TH ANNUAL MEETING

SINGLE DAY

Please indicate day attending: Wed Thur

MABB Member*	\$95	\$ _____
Non-Member**	\$135	\$ _____
MLS Student/Resident	\$40	\$ _____

BOTH DAYS

MABB Member*	\$165	\$ _____
Non-Member**	\$220	\$ _____
MLS Student/Resident	\$80	\$ _____

MEMBERSHIP DUES

\$ _____

TOTAL REMITTANCE

\$ _____

Online payments now accepted at:

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

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 2025.