

# 63<sup>RD</sup> ANNUAL MEETING SEPTEMBER 20-21, 2017



# TRANSFUSION MEDICINE UPDATE 2017

# 63<sup>RD</sup> ANNUAL MEETING

## COURSE DESCRIPTION

The 63rd 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.

First, we are very pleased to announce that the Kay Beattie Lecture Award speaker this year is Suzanne Butch. Ms. Butch recently retired from the position of Manager of Clinical Pathology Quality Assurance, Department of Pathology, University of Michigan Hospitals in Ann Arbor, Michigan. Previously she held the position of Administrative Manager, Blood Bank and Transfusion Service at the University of Michigan Hospitals and Health Centers. She has a bachelor's degree and master's degree, and is certified as a Medical Laboratory Scientist, as a Specialist in Blood Banking Technology, a Diplomat Laboratory Medicine from ASCP Board of Certification and as a Certified Quality Auditor from the American Society for Quality. She has been active in state, national and international professional societies, and currently serves in leadership positions in a number of organizations.

This year, we have a variety of topics including pathogen reduction technologies, red cell genotyping, massive transfusion protocols and outcomes, CAR-T cell therapy, the mechanism of action of IVIG, networking and online SBB program. Our speakers come from Michigan, nationally and internationally to bring the latest in Blood Banking topics to our meeting.

We have serological and clinical case study sessions to review interesting cases from Michigan hospitals. In addition, we have one new panel discussion this year which focuses on young technologist's questions or struggles as they join and integrate into the workforce.

See the full course objectives below and we hope you join us for this exciting program!

## COURSE OBJECTIVES

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

- Describe how the electronic crossmatch evolved.
- Review the rationale and methods for pathogen reduction in blood components.
- Discuss basic ethical principles and issues related to blood component rationing that arise in medical care and blood transfusion.
- Define IVIG and compare different theories of the mechanism of action of IVIG in autoimmunity.
- Define a process for meeting new regulatory and accreditation requirements in Blood Banking.
- Describe why genetic methods can be used to predict blood group antigen status, and review the difference of serologic methods and molecular methods for predicting antigen phenotypes.
- Define the primary and secondary outcomes of the massive transfusion protocol trial and review the potential differences between trauma and non-trauma patients in coagulation disturbance.
- List the benefits of networking and explore networking tips and best practices.
- Identify the major developments which have led to the establishment of SBB distance learning programs and the characteristics of a successful distance learner.
- Describe CAR-T cell therapy and clinical conditions in which engineered T-cell therapy are indicated.
- Review interesting serological and clinical cases.
- Participate in a discussion for the topics that concern young technologists.

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THIS YEAR'S ANNUAL MEETING WILL BE HELD AT:

**SCHOOLCRAFT COLLEGE  
VISTATECH CENTER**

18600 HAGGERTY ROAD, LIVONIA MI 48152  
734-462-4400

# MABB 63<sup>RD</sup> ANNUAL MEETING AGENDA

## Wednesday, September 20

- 8:00 Registration and Continental Breakfast
- 8:30 Introduction & Welcome  
Brigitte Becker, MT(ASCP)SBB, MABB President
- 8:40 2017 Kay Beattie Lecture  
Evolution of the Electronic Crossmatch  
Suzanne H. Butch, MA, MLS(ASCP)SBB<sup>CM</sup>, DLM<sup>CM</sup>
- 9:40 Pathogen Reduction in Blood Components  
Barry Siegfried, MD
- 10:30 REFRESHMENTS & EXHIBITS
- 11:00 Ethical Issues in the Allocation of Blood Products  
Lauren Smith, MD
- 11:50 LUNCH & EXHIBITS
- 12:35 MABB BUSINESS MEETING
- 1:05 IVIG: What Is It, How Does It Work, Can We Do Better?  
Alan Lazarus, PhD
- 1:55 Clinical Case Studies  
Chisa Yamada, MD — Organizer
- 2:45 REFRESHMENTS & EXHIBITS
- 3:25 Trials and Tribulations – perspectives from our newest technologists  
Kathryn Watkins, MT(ASCP)
- 4:25 Adjourn

## Thursday, September 21

- 8:00 Registration and Continental Breakfast
- 8:30 Introduction & Welcome  
Brigitte Becker, MT(ASCP)SBB, MABB President
- 8:40 What to Do to Meet New Regulatory and Accreditation Requirements  
Suzanne H. Butch, MA, MLS(ASCP)SBB<sup>CM</sup>, DLM<sup>CM</sup>
- 9:30 Red Cell Genotyping: Making Transfusion Medicine Even More Personalized  
Margaret Keller, PhD
- 10:20 REFRESHMENTS & EXHIBITS
- 10:50 State of The Science: Massive Transfusion Protocol Design and Implementation in 2017  
Matthew Neal, MD
- 11:40 LUNCH & EXHIBITS
- 12:40 Making the Connection  
Amy Dixon, MBA
- 1:30 Online Specialist in Blood Banking Programs  
Laurie Gillard, MS, MLS(ASCP)SBB
- 2:20 REFRESHMENTS
- 2:50 CAR-T Cell Therapy for Hematologic Malignancy  
Chalice Bonifant, MD, PhD
- 3:40 Serological Case Studies  
Sheri Hugan, BS, MLS(ASCP)SBB — Organizer
- 4:30 Adjourn

## P.A.C.E.

MABB is approved as a Provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. The level of instruction is Intermediate. **Members get a total of 13 PACE credit hours for only \$155!**

## MODERATORS

### Wednesday September 20

Morning Moderator..... Louise DuRussel, BS

Afternoon Moderator ..... Tammon Nash, MD

### Thursday September 21

Morning Moderator..... Angela Wholehan, MLS(ASCP)<sup>CM</sup>

Afternoon Moderator ..... Sheri Hugan, BS, MLS(ASCP)SBB

## CME ACCREDITATION

St. Joseph Mercy Oakland, an organization Accredited with Commendation by the Michigan State Medical Society (MSMS), is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. This educational activity meets the criteria for a maximum of 10 AMA PRA Category I Credits. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**If you require hotel accommodations**, the Embassy Suites Detroit - Livonia/Novi (734-462-6000) is offering a special rate of \$122.00 per night for single rooms to MABB attendees. Please visit <http://embassysuites.hilton.com/en/es/groups/personalized/D/DTLIES-MAB-20170919/index.jhtml> to make a reservation online by September 2nd.

## PROGRAM COMMITTEE AND COORDINATORS

Chisa Yamada, MD, Chair  
Karen Gizzi, MT(ASCP), Exhibit Coordinator  
Sherwin Imlay, MD, CME Course Director  
Suzanne Butch, MLS(ASCP)<sup>CM</sup>, SBB<sup>CM</sup>, DLM<sup>CM</sup>, P.A.C.E. Coordinator  
Brigitte Becker, MT(ASCP)SBB<sup>CM</sup>  
Suanne Dorr, MBA, MT(ASCP)SC  
Terry Downs, MT(ASCP)SBB  
Louise DuRussel, BS  
Jennifer Sarhan, MT(ASCP), JD  
Sandy Lenneman, MSA, MT(ASCP)SBB  
Peter Millward, MD  
Tammon Nash, MD  
Barry Siegfried, MD  
Kathryn Watkins, MT(ASCP)

The Michigan Association of Blood Banks thanks the following organizations for their generous support:

AMERICAN RED CROSS BLOOD SERVICES  
MICHIGAN BLOOD  
BIORAD  
HEALTHSOFT RF  
IMMUCOR GAMMA & LIFECODES  
ORTHO-CLINICAL DIAGNOSTICS  
ALEXION PHARMACEUTICALS  
BARD PERIPHERAL VASCULAR  
BC SOLUTIONS, LLC  
FRESENIUS KABI, LLC  
ST. JOSEPH MERCY OAKLAND  
*CME accreditation*

## FACULTY

### **Challice Bonifant, MD, PhD**

Assistant Professor of Pediatrics  
University of Michigan Medical School, Ann Arbor, MI

### **Suzanne H. Butch, MA, MLS(ASCP)SBB<sup>CM</sup>, DLM<sup>CM</sup>**

Manager of Clinical Pathology Quality Assurance, Retired  
Administrative Manager, Retired  
University of Michigan Health System, Ann Arbor, MI

### **Amy Dixon, MBA**

Director of Human Resources and Organizational Development  
EEI Global, Inc, Rochester Hills, MI

### **Laurie Gillard, MS, MLS(ASCP)SBB**

Director of the Specialist in Blood Bank Certificate Program  
Assistant Professor of Health Sciences  
Rush University, Chicago, IL

### **Sheri Hugan, BS, MLS(ASCP)SBB**

Immunohematology Reference Laboratory Coordinator  
University of Michigan Health System, Ann Arbor, MI

### **Margaret Keller, PhD**

Director of National Molecular Laboratory  
American Red Cross Biomedical Services, Philadelphia, PA

### **Alan Lazarus, PhD**

Professor of Infectious Diseases & Immunopathology  
University of Toronto, Toronto, Ontario, Canada

### **Matthew Neal, MD**

Assistant Professor of Surgery and Critical Care Medicine  
University of Pittsburgh, Pittsburgh, PA

### **Barry Siegfried, MD**

Medical Director, Great Lakes and Southeastern Michigan Regions  
American Red Cross Blood Services, Lansing and Detroit, MI

### **Lauren Smith, MD**

Associate Professor of Pathology  
University of Michigan Medical School, Ann Arbor, MI

### **Kathryn Watkins, MT(ASCP)**

Medical Technologist  
Beaumont Hospitals, Royal Oak, MI

### **Chisa Yamada, MD**

Associate Professor of Pathology  
Associate Medical Director/Blood bank  
Director/Apheresis services  
University of Michigan Medical School, Ann Arbor, MI

## OFFICERS OF THE ASSOCIATION

Brigitte Becker, MT(ASCP)SBB, President  
Chisa Yamada, MD, President-Elect  
Peter Millward, MD, Past President  
Terry Downs, MT(ASCP)SBB, Treasurer  
Suanne Dorr, MBA, MT(ASCP)SC, Secretary  
Louise DuRussel, BS, Member-at-Large  
Jennifer Sarhan, MT(ASCP), JD, Member-at-Large  
Tammon Nash, MD, Member-at-Large  
Sandy Lenneman, MSA, MT(ASCP)SBB, 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  
MEDICINE  
UPDATE  
2017**



**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 2017 membership, you may register at the member rate. New memberships will be valid through December 2018. Current MABB members may also pay their 2018 membership dues with this registration.

- NEW Membership
- 2017 Renewal
- 2018 Renewal

**TO AVOID LATE FEES, PLEASE RETURN REGISTRATION FORM AND FEES BY AUGUST 29**

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

**MABB 63<sup>RD</sup> ANNUAL MEETING**

**SINGLE DAY** (Lunch included)

Please indicate day attending:  Wed  Thur

MABB Member*	..... \$85	\$ _____
Non-Member**	..... \$115	\$ _____
Med Tech Student/Resident.....	\$40	\$ _____

**BOTH DAYS** (Lunch included)

MABB Member*	..... \$155	\$ _____
Non-Member**	..... \$205	\$ _____
Med Tech Student/Resident.....	\$70	\$ _____

**MEMBERSHIP DUES** \$ \_\_\_\_\_

**TOTAL REMITTANCE** \$ \_\_\_\_\_

- Check enclosed
- Will pay on-site (additional \$5 fee will apply)
- Credit Card (VISA/MC/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 that apply for membership with this registration may register at the member rate and membership will be valid through December 2017.