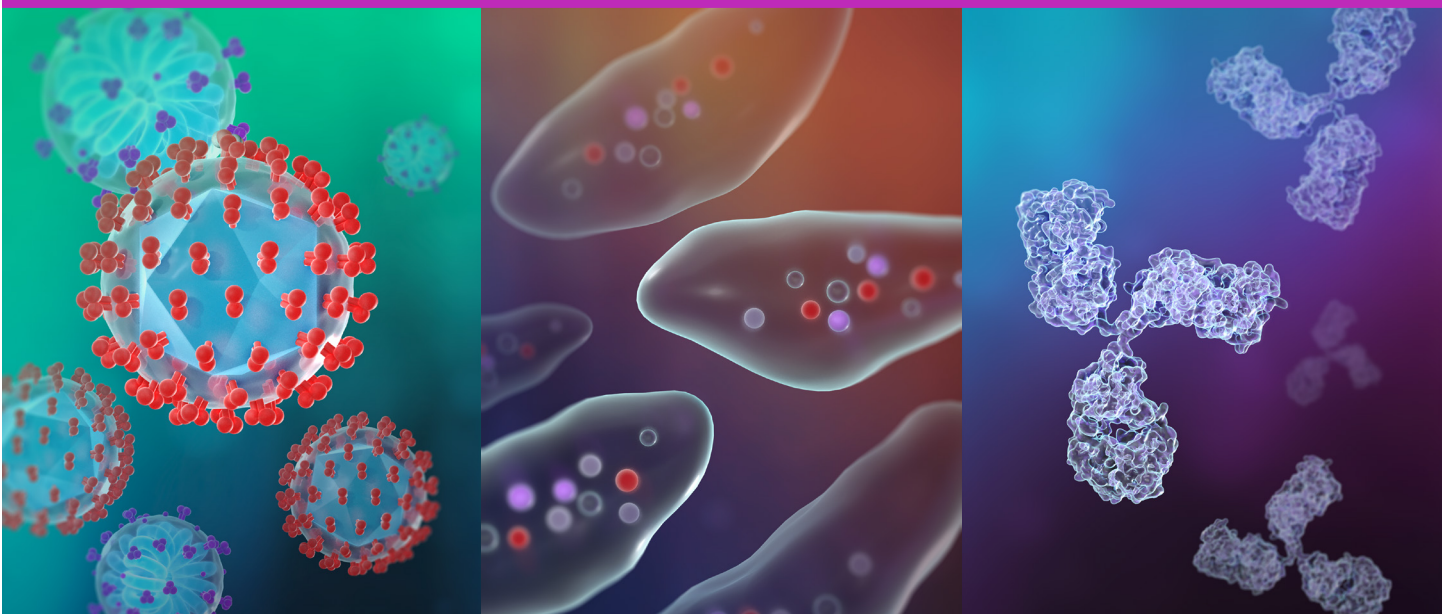


IMMUNOHEMATOLOGY AND BLOOD TRANSFUSION

[HTTP://WWW.CC.NIH.GOV/DTM/RESEARCH/SYMPOSIUM.HTML](http://www.cc.nih.gov/dtm/research/symposium.html)

NATIONAL INSTITUTES OF HEALTH NIH CLINICAL CENTER
DEPARTMENT OF TRANSFUSION MEDICINE AND THE AMERICAN RED CROSS



2021
40TH ANNUAL
SYMPOSIUM

IMMUNOHEMATOLOGY AND BLOOD TRANSFUSION

SEPT 23 • ONLINE: WEBEX
9:00 AM – 4:00 PM WILL BE OPEN AT 8:45 AM
No registration fee but registration is required



Description This program is designed to provide attendees with practical information about recent developments, current practices, controversies and laboratory management issues relative to transfusion medicine.

Who Should Attend This program will be of interest to all healthcare providers who participate in the collection, production, transfusion and monitoring of blood products.

Learning Objectives Upon the completion of this activity, participants should be able to:

- List steps taken to develop a test for antibody detection of antibodies to COVID-19 virus using column agglutination methodology.
- Review the history of use of convalescent plasma.
- Construct an overview of the data on use of COVID-19 convalescent plasma.
- Describe the real world evidence data on COVID-19 convalescent plasma.
- Summarize the conclusions regarding use of convalescent plasma.
- Describe FDA's guidance on bacterial contamination of platelets and strategies to be in compliance.
- List implementation steps and data for using whole blood in a massive transfusion setting.
- Develop appropriate patient and donor care strategies from examples described during case reviews.
- Describe changes in the BB/TM formal training since 1995.

- Explain values of coaching/mentorship and sponsorship.
- Review clinical aspects of red cell transfusion in a frequently transfused population.
- Discuss the sequential events leading to the discovery of HCV and the prospects for global eradication.

Level of Instruction Intermediate to Advanced

Disclaimer The opinions expressed in this educational activity are those of the faculty and do not necessarily represent the views of ARCBS. Information is presented for educational purposes only.

Accreditation Statement This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American Red Cross Blood Services (ARCBS) and The National Institutes of Health, Clinical Center, Department of Transfusion Medicine. ARCBS is accredited by the ACCME to provide continuing medical education for physicians.

Designation Statement The American Red Cross Blood Services designates this educational activity for a maximum of 5.5 credits *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity. A maximum of 5.5 SUCCESS[™] CEU credits will be awarded to laboratory professionals participating in this activity.

The American Red Cross offers the SUCCESS[™] continuing education program to blood bankers and physicians. Attendees of the Symposium will receive certificates certifying their participation via email after the Symposium.

Disclosure Statement All faculty participating in continuing medical education programs sponsored by ARCBS are expected to disclose to the program audience whether they do or do not have any real or apparent conflict(s) of interest or other relationships related to the content of their presentation(s).

Symposium Directors/Planning Committee

Kathleen (Cathy) Conry-Cantilena, MD

Department of Transfusion Medicine, CC, NIH I Bethesda, MD

Willy A. Fiegel, MD

Department of Transfusion Medicine, CC, NIH I Bethesda, MD

David C. Mair, MD

American Red Cross I St. Paul, MN

David F. Stroncek, MD

Department of Transfusion Medicine, CC, NIH I Bethesda, MD

Symposium Coordinators

Karen M. Byrne, MDE, MT(ASCP)SBB

Department of Transfusion Medicine, CC, NIH I Bethesda, MD
(301) 451-8645
Karen.Byrne@nih.gov

Ellie Forder Condon

Department of Transfusion Medicine, CC, NIH I Bethesda, MD
(301) 496-4506
Ellen.Condon2@nih.gov

Online Registration

(<http://www.cc.nih.gov/dtm/research/symposium.html>)
or contact a symposium coordinator.

IMMUNOHEMATOLOGY AND BLOOD TRANSFUSION

SESSION 1:

9:00 – 9:05

**Welcome & Intro/
Moderator**

Barbara J. Bryant, MD

9:05 – 9:40

**COVID Antibody Testing
with Red Cells**

Willy A. Flegel, MD

9:40 – 10:15

**Complexities of
Convalescent Plasma**

Peter Marks, MD, PhD

10:15 – 10:30

Break

SESSION 2:

Moderator

Colleen Gilstad, MD

10:30 – 11:05

**Let's Review FDA Guidance
on Bacterial Contamination
of Platelets!**

Baia Lasky, MD

11:05 – 11:40

**Use of Whole Blood In a
Massive Transfusion Protocol**

Bryon Jackson, MD, MHA

11:40 – 12:00

Break

SESSION 3:

Moderator

Yvette Marie Miller, MD

12:00 – 1:30

**Clinical Vignettes
(20 minute presentation
followed by 10 minute
Q&A for each topic)**

**Application of Apheresis
in Hyperleukocytosis**

Herleen (Sofi) Rai, MD

Subject Matter Expert:

Zbigniew "Ziggy" M.

Szczepiorkowski, MD,

PhD, FCAP

**Indications & Considerations
in Red Cell Exchange**

Greeballa Magzoub, MD

Subject Matter Expert:

Courtney Fitzhugh, MD

**Clinical Response to COVID-19
Convalescent Plasma**

Valentina Baez-Sosa, MD

Subject Matter Expert:

Aarthi Shenoy, MD

1:30 – 1:45

Break

SESSION 4:

Moderator

Barbara J. Bryant, MD

1:45 – 2:15

**Richard J. Davey, MD Lectureship
Recipient: Kathleen (Cathy)
Conry-Cantilena, MD**

Physician Fellow Training in
BB/TM: A Saga of 26 Years as
a Program Director

2:15 – 2:50

**Red Cell Transfusion for Sickle Cell
Disease: Role and Best Practices**

Stella T. Chou, MD

2:50 – 3:00

Break

NOBEL LAUREATE:

Moderator

Roger Y. Dodd, PhD

3:00 – 3:45

**Hepatitis C: The End of the
Beginning and Possibly
The Beginning of the End**

Harvey J. Alter, MD, MACP

4:00

Adjourn

Program Participants

Harvey J. Alter, MD, MACP Distinguished NIH Scholar
Department of Transfusion Medicine, CC, NIH I Bethesda, MD
No relationships to disclose

Valentina Baez-Sosa, MD Hematology-Oncology Fellow
MedStar Washington Hospital Center I Washington, DC
No relationships to disclose

Barbara J. Bryant, MD Chief, Department of Transfusion Medicine
and Center for Cellular Engineering, CC, NIH I Bethesda, MD
No relationships to disclose

Stella T. Chou, MD Associate Professor of Pediatrics
The Children's Hospital of Philadelphia I University of Pennsylvania
School of Medicine I Philadelphia, PA I *No relationships to disclose*

Kathleen (Cathy) Conry-Cantilena, MD Senior Research
Physician I Program Director Blood Banking/Transfusion Medicine
Fellowship I Department of Transfusion Medicine, CC, NIH
Bethesda, MD I *No relationships to disclose*

Roger Y. Dodd, PhD Executive Scientific Officer I American Red
Cross Holland Laboratory I Rockville, MD I Adjunct Associate
Professor, Johns Hopkins University I Baltimore, MD
No relationships to disclose

Courtney Fitzhugh, MD Investigator and Lasker Clinical Research
Scholar I Cellular and Molecular Therapeutics Branch
National Heart, Lung, and Blood Institute, NIH I Bethesda, MD
No relationships to disclose

Willy A. Flegel, MD Chief, Laboratory Services Section
Department of Transfusion Medicine, CC, NIH I Bethesda, MD
No relationships to disclose

Colleen Gilstad, MD Medical Director Transfusion Service
MedStar Georgetown University Hospital I Washington, DC
No relationships to disclose

Bryon Jackson, MD, MHA Assistant Professor I Department of
Pathology I University of Maryland School of Medicine I Chief of
Pathology I University of Maryland Medical Center Midtown Campus
Associate Director of Transfusion Services I University of Maryland
Medical Center I Baltimore, MD I *No relationships to disclose*

Baia Lasky, MD Medical Director, Biomedical Services, Georgia
Region I American Red Cross Blood Services I Douglasville, GA
No relationships to disclose

Greebala Magzoub, MD Transfusion Medicine Fellow
Department of Transfusion Medicine, CC, NIH I Bethesda, MD
No relationships to disclose

David C. Mair, MD Divisional Chief Medical Officer, North Central /
Southeast & Caribbean Divisions I American Red Cross Blood
Services I St. Paul, MN I *No relationships to disclose*

Peter Marks, MD, PhD Director of the Center for Biologics
Evaluation and Research, FDA I Silver Spring, MD I *No relationships
to disclose*

Yvette Marie Miller, MD Executive Medical Officer I Donor and
Client Support Center I American Red Cross I Charlotte, NC
No relationships to disclose

Herleen (Sofi) Rai, MD Transfusion Medicine Fellow
Department of Transfusion Medicine, CC, NIH I Bethesda, MD
No relationships to disclose

Aarthi Shenoy, MD Program Director, Hematology-Oncology
Fellowship I Attending Hematologist I MedStar Washington Hospital
Center I Washington, DC I *No relationships to disclose*

David F. Stroncek, MD Chief, Center for Cellular Engineering
Department of Transfusion Medicine, CC, NIH I Bethesda, MD
No relationships to disclose

Zbigniew "Ziggy" M. Szczepiorkowski, MD, PhD, FCAP
Professor of Pathology and Laboratory Medicine, Professor of
Medicine I Dartmouth-Hitchcock Medical Center I Lebanon, NH
Relevant Financial Relationship: Fresenius Kabi and Grifols Inc.