

Virtual Red Cell Genotyping 20/20

Wednesday, September 9, 2020

Visionary Solutions



8:25am–4:15pm

10th Annual Symposium

Virtual attendance only

To register visit: Versiti.org/rcg2020
or email nmleon@versiti.org

Hosted by



Virtual Red Cell Genotyping 20/20

Program Description

The 10th annual symposium will review the laboratory aspects and clinical benefits of red cell genotyping in patients and blood donors.

Audience: Medical and laboratory professionals interested in clinical red cell genotyping applications for immunohematology and transfusion medicine.

Objectives

1. Discuss how advances in molecular immunohematology are changing patient care.
2. Discuss patient care strategies from examples (vignettes) described during case reviews.
3. Review how the fundamentals of molecular immunohematology are affecting clinical studies.
4. Identify red cell genotyping strategies addressing the need for rare blood.

ACCME Accreditation Statement:

Versiti is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation Statement:

Versiti designates this Live Activity for a maximum of 6 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Hours of Participation for Allied Health Care Professionals:

Versiti Wisconsin, Inc. designates this activity for up to 6 hours of participation for continuing education for allied health professionals.

Versiti Wisconsin, Inc. is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.[®] Program.

Session 1 – Focus on Patients

8:25 – 10:00 EST

Moderator

Willy A. Flegel, MD

Chief, Laboratory Services Section, Department of Transfusion Medicine, NIH Clinical Center, Bethesda, MD

Welcome and Warm-up

Red cell genotyping for improving patient care and clinical outcomes

Professor Erica Wood

Head, Transfusion Research Unit, School of Public Health and Preventive Medicine, Monash University, Consultant haematologist, Monash Health, Melbourne, Australia

Complement-mediated hemolysis in SCD

Ross M Fasano, MD

Associate Professor SOM: Pathology: Administration, Emory University, Atlanta, GA

10:00 – 10:30 EST Break

Session 2 – Clinical Vignettes

10:30 – 11:30 EST

Moderator

Jennifer A Kanakry, MD

Associate Research Physician, ETIB, National Cancer Institute, Bethesda, MD

Clinical Vignette I—Transfusion support for a pregnant patient with weak D Type 4.0 and anti-U alloantibody

Martin S Ongkeko, MD

Fellow, Department of Transfusion Medicine, NIH Clinical Center, Bethesda, MD

Clinical Vignette II—A challenging case of anti-D HDFN

Joseph Cho, MD, PhD

Blood Banking/Transfusion Medicine Fellow, Versiti, Milwaukee, WI

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Clinical Vignette III—Leveraging genomics in clinical transfusion medicine

Marsha Wheeler, PhD

BloodWorks Northwest, Seattle, WA

11:30 – 12:30 EST Lunch Break

Session 3 - Bench to Bedside

12:30 – 2:15 EST

Moderator

Richard M Kaufman, MD

Medical Director, Blood Bank and Transfusion Service, Brigham and Women's Hospital, Harvard Medical School, Boston, MA

Availability of molecular testing for blood group genotyping

Kshitij Srivastava, PhD

Staff Scientist, NIH Clinical Center, Bethesda, MD

Cloud-based blood group antigen information in the supply chain

Gregory A Denomme, PhD, FCSMLS(D)

Senior Investigator, Blood Research Institute, Senior Director, Immunohematology and Innovation, Versiti, Milwaukee, WI

US Working Group recommendations how to transfuse weak D types

Willy A Flegel, MD

Chief, Laboratory Services Section, Department of Transfusion Medicine, NIH Clinical Center, Bethesda, MD

2:15 – 2:30 EST Break

Session 4 – Environment Matters

2:30 – 4:15 EST

Moderator

Gregory A Denomme, PhD, FCSMLS(D)

Senior Investigator, Blood Research Institute, Senior Director, Immunohematology and Innovation, Versiti, Milwaukee, WI

Three-dimensional model of erythropoiesis

Eva Hellström-Lindberg, MD

Professor / Senior Physician, Karolinska Institutet, Stockholm, Sweden

Chromatin architecture and gene expression

Gerd Blobel, MD, PhD

Frank E. Weise III Professor of Pediatrics, The Children's Hospital of Philadelphia, Co-director U-Penn Epigenetics Institute, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA

Discussion

Closing Remarks and Evaluation

Hosted by:



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Registration

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Registration Fee: \$40

To register on-line go to: Versiti.org/rcg2020

To register by mail complete the form below.

Name: _____

Credentials: _____

Phone: _____

Institution: _____

City/State/Province: _____

Email (required): _____

Mail completed registration form and check made payable to Versiti, Inc. to:

Versiti, Inc.

Clinical Education

Attn: Jen Zembruski

638 N. 18th St.

PO Box 2178

Milwaukee, WI 53201-2178

Refund policy: Refund requests will not be accepted after September 2, 2020. All refund requests must be received in writing.

Any questions or special needs, please contact Tasha Leon at 414.937.6412 or email at nmleon@versiti.org

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