



## Celebrate Medical Laboratory Professionals Week with NYBCe!

April 15-19, 2024

**April 15, 2024, 1-2:00 ET (12-1:00 CT)**

1.0 Contact Hour



### Antibody of Undetermined Specificity: A Reason for Suspicion or Waste of Time and Resources?

**Megan Dupont, MLS(ASCP)<sup>CM</sup>SBB<sup>CM</sup>**, Lead Technologist, Immunohematology Reference Laboratory, NYBCe at Community Blood Center

#### Objectives

1. Describe the laboratory features of antibodies of undetermined specificity.
2. Discuss the potential clinical significance of antibodies of undetermined specificity and approaches to RBC transfusion therapy.
3. Describe the serologic workups of two patients whose plasma contains antibodies of undetermined specificity.

#### Level of Instruction

Intermediate

**April 16, 2024, 1-2:00 ET (12-1:00 CT)**

1.0 Contact Hour



### Massive Transfusion of Incompatible Red Blood Cells: A Case Demonstrating the Benefits of a Regional Patient Alloantibody Registry

**Zhan (Johnny) Ye, MD, PhD**, Transfusion Service Section Director, The University of Kansas Health System, Medical Director, NYBCe at Community Blood Center

#### Objectives

1. Discuss the importance of RBC alloantibody registry in transfusion practice.
2. Describe the possible consequences after Jk<sup>a</sup>-associated incompatible blood transfusion.
3. Discuss patient management after Jk<sup>a</sup>-associated incompatible transfusion.

#### Level of Instruction

Basic



### We Don't 'C' Eye to Eye: Resolving a Serologic and Molecular Typing Discrepancy

**Andrew Jones, MD, CABP**, Transfusion Medicine Section Director, UCSF Benioff Children's Hospital Oakland  
**Sunitha Vege, MS**, Technical Director, Genomics, New York Blood Center

#### Objectives

1. Discuss the limitations of serologic phenotyping in recently transfused patients.
2. List possible reasons for discrepancies between serologic and molecular typing.
3. Choose ancillary testing that may help resolve typing discrepancies.

#### Level of Instruction

Basic



Registration is free and gives you access to all 5 webinars!

To register, scan the QR code.

For more information, visit: [nybce.org/labweek](https://nybce.org/labweek)





**April 17, 2024, 1-2:00 ET (12-1:00 CT)**

1.0 Contact Hour



**1 in a Million - Identifying a Rare Donor Through a Positive Antibody Screen**

**Chloe Homich, MLS(ASCP)<sup>CM</sup>SBB<sup>CM</sup>**, Supervisor, Immunohematology Reference Laboratory, NYBCe at Blood Bank of Delmarva

**Objectives**

1. Define a "Rare Donor" per ARDP definition.
2. Evaluate reagent RBC panel testing results and donor demographics to assist in comprehensive RBC antibody identification on a rare donor.
3. Evaluate implications and considerations that come with identifying a rare phenotype/antibody on a patient or donor.

**Level of Instruction**

Intermediate



**Persistent Maternal Antibody**

**Kelly Winkhart, BS, SBB(ASCP)<sup>CM</sup>**, Lead Technologist, Immunohematology Reference Laboratory, NYBCe at Community Blood Center

**Objectives**

1. Describe laboratory testing utilized to evaluate hemolytic disease of the fetus/newborn (HDFN).
2. List the levels of severity of HDFN and explain how the severity is determined.
3. Explain mechanisms that make it possible for the neonatal anemia to persist beyond the natural half-life of the antibodies.

**Level of Instruction**

Intermediate

**April 18, 2024, 1-1:30 ET (12-12:30 CT)**

0.5 Contact Hours



**Cord Blood Program**

**Emeline Masson Frenet, PharmD, PhD**, Director - NCBP Transplant and Research Coordination, New York Blood Center

**Objectives**

1. Discuss cord blood as a valuable source of hematopoietic stem cells.
2. Describe cord blood banking.
3. Explain processes involved in preparing a cord blood unit shipment.

**Level of Instruction**

Basic

**April 19, 2024, 1-2:00 ET (12-1:00 CT)**

1.0 Contact Hour



**Scianna Blood Group System and Case Study**

**Louis Kohler, MLS(ASCP)<sup>CM</sup>SBB<sup>CM</sup>**, Tech II, Immunohematology Reference Laboratory, NYBCe at Community Blood Center

**Aaron J. Gottschalk, PhD**, Technical Director, NYBCe at National Center for Blood Group Genomics

**Objectives**

1. Discuss Scianna blood group history.
2. Describe structure and function of the Scianna protein and associated genomics.
3. Discuss Scianna in Transfusion Medicine by reviewing a recent case study at Community Blood Center.

**Level of Instruction**

Advanced



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