



SOUTH CENTRAL
Association of Blood Banks

Oklahoma City Regional Symposium

General Blood Banking Topics

DETAILED AGENDA

NOVEMBER 9, 2019

Morning Session

8:10-9:15am

Introduction to Molecular Immunohematology

Speaker: Katrina Billingsley, MT(ASCP)SBB

Red blood cell genotyping has been in practice for over a decade, but do we really understand what it's all about? This session will review basic genetics and the biochemistry of DNA. It will also discuss blood bank genotyping options and how the test results are applied in clinical practice.

9:15-10:15am

IRL Interesting Cases

Speaker: OBI IRL Staff

* Taking the High Road

An OB patient presents with an antibody reacting with all cells tested. A workup is performed in the reference laboratory using different enhancements, enzymes, and other special techniques to determine the identity of the antibody.

* Anti-CD47: The next wave in monoclonal antibody therapies

Now that daratumumab (DARA/Darzalex) has become a highly utilized treatment option for multiple myeloma and is being trialed for other forms of leukemia and lymphoma, interference due to monoclonal antibodies has become almost commonplace. The use of monoclonal antibodies therapies will only increase, and we have to look forward to the next complication posed to pretransfusion testing. Anti-CD47 (Hu5F9-G4) is a monoclonal IgG4 antibody currently in clinical trials for hematologic and solid malignancies. Because the CD47 glycoprotein is present on all cells, anti-CD47 causes interference in pretransfusion testing, in multiple phases, including ABO typing.

* Warm Autoantibody or High Frequency Antibody?

Possible Anti-U workup with positive IgG DAT and panreactive eluate. All panel cells reacting weak positive with neat serum and PeG enhancement, except for our U negative panel cell which was negative.

10:25-11:25am

Low Titer O Whole Blood

Speaker(s): Tuan Le, Barbara Ledford

The presentation will discuss the background on the reemergence of the use of whole blood for trauma and exsanguination. My portion of the presentation will include the Oklahoma Blood Institute's process of selecting appropriate products to be used for a whole blood product, the determining the low titer status, and the designation of the low titer status to an appropriate Group O whole

11:25-12:25pm

Whole Blood: Beyond Trauma

Speaker: Stephanie Bates, M.D.

This session will review how whole blood has been used in the past, the evidence for its continued use in massively bleeding patients, and the considerations to be made for each different patient population.

Location

Oklahoma Blood Institute
1001 N. Lincoln Blvd.
Oklahoma City, OK 73104

Onsite & Virtual Registration

SCABB Member

\$95 All Day

\$55 Morning Session

\$55 Afternoon Session

Non-Member

\$125 All Day

\$85 Morning Session

\$85 Afternoon Session

CONTINUING EDUCATION

7 Hours FL CE/PACE Credit

Onsite Registration

7:30 AM - 8:00 AM

For your convenience, on-site registration will be offered the morning of the symposium.

Advanced registration encouraged;
space is limited!



Partner Sponsor:



USE PROMO CODE: OKC2019RS
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Questions? Email: education@scabb.org or Call: 866-649-6550



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Afternoon Session

- ◆ 1:00pm –2:00pm **Improved Platelet Stewardship by Rapid Bacterial Testing at a Blood Center**
Speaker: Mike Stevenson
This presentation will discuss how the Oklahoma Blood Institute implemented a rapid bacterial detection test to add a sixth day to the shelf life of plateletpheresis products. Notable aspects of this initiative, including overall improved stewardship of donor's gifts, number of plateletpheresis units qualified for a sixth day, rapid bacterial detection test results, blood center operational effects, net product hospital usage, and reduction in expensive wastage of apheresis platelet units will be discussed.
- ◆ 2:00pm-3:00pm **Organ and Tissue Donation and Transplantation; Current and Future Trends**
Speaker(s): Clint Hostetler
Presentation will provide an overview of the tissue donation and recovery process as well as of the organ recovery process. Following this there will be information aimed at emerging technology and trends in organ and tissue donation and transplantation.
- Platelet Rich Plasma:
Going Beyond What We Know**
Speaker: Daisy Annette, MLS(ASCP)
Platelet products manufactured from whole blood donations are being prepared for physician directed use. Literature reports suggest that Platelet Rich Plasma Lysate (PRP-L) have been used to promote wound healing in the eye, mouth and skin.
- ◆ 3:10pm-4:10pm **Assessment Process Plus!**
Speaker: Pandora Crawford, MPH, MT(ASCP)
This presentation will provide guidelines for the basic elements required to properly prepare for an external assessment. This will include the pre-assessment work required to prepare the facilitator as well as key participants. It will also cover external assessment etiquette and post assessment guidelines.

(Breakfast for onsite morning session);
lunch for onsite afternoon session)

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