

FROM THE MIND OF THE CHAIR



I hope everyone is doing well and staying healthy.

This issue of the newsletter is a bonus edition, due to the rescheduling of the AACC Annual Meeting to December.

I hope everyone can participate remotely in the many sessions that feature pediatric and maternal-fetal content, as well as the late breaking sessions on all things pertaining to COVID-19. Thank you to our newsletter editor, Sarah Wheeler, and her team for compiling the sessions of interest to our members.

This edition also announces the winners of our poster awards and award for outstanding contribution to pediatric and maternal-fetal clinical chemistry. Congratulations to the awardees, and please make sure to view their virtual posters.

Please enjoy the virtual annual meeting, have a safe and happy holiday season, and be on the lookout for volunteer opportunities with the PMF Division in 2021.

Take care,

Angela Ferguson, PhD
Chair, AACC PMF Division

Table of Contents

From the Mind of the Chair.....	1
Annual Meeting: PMF Sessions of Interest and Meeting Highlights	2
PMF Division Awardees.....	3
PMF Executive Board.....	4

2020 AACC ANNUAL SCIENTIFIC MEETING & CLINICAL LAB EXPO: PMF Sessions of Interest and Meeting Highlights

**December 13-17, 2020
All Virtual Event**

Sunday December 13th

Opening Plenary:

Michael Laposata, MD, PhD

11001 The Path to Indispensability for Laboratory Scientists: Becoming the Most Important Members of the Diagnostic Healthcare Team

Monday December 14th

Roundtables:

42106 Biomarkers of Acute Concussion Injury: Challenges and Opportunities

42118 Hemoglobinopathies and Thalassemias: Techniques and Interpretation

Plenary:

Ralph DeBerardinis, MD, PhD

12001 Metabolic Reprogramming in Human Cancer: Insights into Mechanisms and Opportunities for New Therapies

Scientific Sessions:

32227 Evaluating Primary Immunodeficiencies: An Example of Integrating Genetic and Functional Testing

32229 More than Opioids: New Trends in Adolescent and Young Adult Substance Abuse Testing

32230 Newborn Screening: From Guthrie to Genomes

Disruptive Technology Award:

Three finalists include Baebies for neonatal diagnostics

Tuesday December 15th

Roundtables:

53205 Anti-Mullerian Hormone Testing: What Indication, How to Measure It, How to Use the Results?

53216 Laboratory Workup of Hemoglobinopathies

Plenary:

Catherine Bollard, MD, MBChB

13001 T Cell Therapies for Cancer: CAR-Ts and Beyond

Scientific Sessions:

33101 Basic to Advanced Thromboelastometry: Traditional and Future Methodology, Test Interpretation, and Case Management in Major Obstetric Hemorrhage

33106 Importance of Guidelines and Procedures in Adult and Pediatric Hemostasis

33226 Interpreting and Establishing Reference Intervals - From Neonate to Senior Including Transgender Ranges

Wednesday December 16th

Roundtables:

44126 Molecular Basis of Lead Toxicity

54236 Using Cotton Balls as an Alternative Urine Collection Method, How Good are the Results?

Plenary:

Ulysses G. J. Balis, MD, Fellow AIMBE

14001 Between Scylla and Charybdis: Navigating the Complex Waters of Machine Learning in Laboratory Medicine

Scientific Sessions:

34107 Neonatal Hyperbilirubinemia – Don't Let G6PD Off the Hook

Thursday December 17th

Roundtables:

45102 Establishment of Pediatric Reference Intervals

45104 Laboratory Evaluation of Celiac Disease

45106 Making the Case for Pre-Natal Illicit Drug Screening: Role of the Clinical Chemist

55219 Rasburicase Prescription and the Need for Glucose-6-Phosphate Dehydrogenase (G6PD) Deficiency Screening

Plenary:

Anastasia Wise, PhD

15001 Precision Medicine: Better Prevention, Diagnosis and Treatment for "All of Us"

Scientific Sessions:

35107 Laboratorian and Clinician Perspective on Proper Utilization of Preterm Labor Tests

35221 Angiogenic Biomarkers for Risk Stratification Among Women with Preeclampsia

35228 Meeting the Challenges of Accurate Blood Gas and Lactate Results on Cord Blood: Physiology of Placental Exchange, Sample Collection, Reference Intervals, and Clinical Interpretations

PMF Division Awardees

Please help us congratulate the winners of this year's PMF Division Awards on the Artery!

Best Abstract by a Student or Young Investigator:

Caroline Franks PhD

Washington University

Title: Diagnostic Concordance between BNP and NT-proBNP in Pediatric Patients

Best Abstract:

Ioannis Papassotiriou PhD

Aghia Sophia Children's Hospital, Athens, Greece

Title: Elevated Circulating Endothelial Microparticles in Prepubertal Children Born Prematurely: Further Evidence of the Cross-Talk between Prematurity and Atherosclerosis

Outstanding Contributions to Pediatric Maternal-Fetal Laboratory Medicine:



Shannon Haymond, PhD, DABCC, FAACC

Vice Chair for Computational Pathology
Director, Mass Spectrometry, Ann & Robert H. Lurie Children's Hospital of Chicago

Associate Professor of Pathology, Northwestern University Feinberg School of Medicine

2020-2021 PMF Division Executive Board:

Chair

Angela Ferguson, PhD

Chair Elect

Stanley Lo, PhD

Past Chair

Alison Woodworth, PhD

Members At Large

Van Leung-Pineda, PhD

Amy Karger, PhD

Jane Dickerson, PhD

Laura Smy, PhD

Secretary

Mark Kellogg, PhD

Treasurer

Joe Wiencek, PhD

Newsletter Editor

Sarah Wheeler, PhD

Newsletter Editorial Board

Khushbu Patel, PhD

Stephen Roper, PhD

Fellow Representative

Erin Schuler, PhD