Assessing and Managing the Blood Supply
AABB’s Corporate Partner Program celebrates the vital work of corporate members of the community and offers them new and innovative avenues to connect with professionals in the field.

For more information about the new AABB Corporate Partner Program, visit aabb.org/corporatepartner or contact Margie Boraz at mboraz@aabb.org.

AABB thanks our Corporate Partners for their support to our Association and the blood and biotherapies field.

“Corporate members of the blood and biotherapies community have been a critical part of the field for many years and have helped spur advancements through innovations and support. AABB’s new Corporate Partner Program creates a novel way for this valuable part of our community to expand its engagement with our Association.”

Debra BenAvram
CEO of AABB
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NBCUS Reports Stable Blood Supply
Experts discuss the driving factors behind the stabilization and the growth of patient blood management programs.

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2023 AABB Annual Meeting Networking Events
The Association’s premiere meeting returns to its in-person format with more focused networking and social events.

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As we all know, the recent COVID-19 pandemic exacerbated existing challenges to the nation’s blood supply, spotlighting a critical need to ensure judicious use of blood while maintaining the highest level of patient safety as the field dealt with nationwide blood supply challenges. As a result, patient blood management has become even more important to our field. The evidence-based, multidisciplinary and patient-centered approach encompasses all aspects of the transfusion decision-making process and is designed to ensure optimal patient outcomes. I am proud to say that AABB is a global leader in providing PBM education and resources and helping hospitals build evidence-based PBM programs.

This issue of AABB News focuses on assessing and managing the blood supply. The first feature discusses the latest findings from the increasingly important National Blood Collection and Utilization Survey (NBCUS). In this article, experts discuss the driving factors behind the stabilization in blood collection and transfusions and the growth of PBM programs.

The second feature provides a sneak peek of the 2023 AABB Annual Meeting networking events in Nashville, Tenn., where attendees can expand their circle of influence and connect with longtime peers, fellow attendees and exhibitors in a collaborative environment. In addition, this issue also highlights the 70th anniversary of the AABB

**Technical Manual**, providing behind-the-scenes insight from the publication’s editors.

**Register by August 30**

It’s hard to believe we are now about two months away from the 2023 AABB Annual Meeting in Nashville, taking place October 14-17. This year’s highly anticipated in-person event will provide cutting-edge research, unique perspectives on hot topics, networking opportunities with a global community of professionals and practice-changing solutions. Don’t forget to register by August 30 to save on full-meeting registration. We look forward to seeing you in Music City soon!

Brian Gannon, BA, MBA
AABB President
The latest edition of AABB’s must-have resource provides information needed to succeed in the rapidly changing field of transfusion medicine. With 29 chapters and 100+ methods/appendices, this book provides valuable content for newcomers as well as seasoned professionals. Additionally, this edition captures the late-breaking changes to donor deferrals made by the FDA just weeks before the new edition was released.

What’s New In This Edition?:

- Apheresis content updated to 2023 ASFA indications
- Influence of COVID-19 included in discussions of disaster preparedness, blood shortages and convalescent plasma
- Expanded cell therapy content
- Changes in neonatal and pediatric transfuse practice
- Updates in molecular testing

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DIGITAL  Product Code: 233013DB | Member: $188 | Nonmember: $291 | Student: $165

BOTH  Product Code: 233690 | Member: $311 | Nonmember: $466

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AABB, 2023, hard cover, illus, 899 pages
AABB Foundation Announces 2023 Hall of Fame Inductees, Incoming Scholars and Award Recipients

By Kendra Y. Applewhite, MFA
Managing Editor

The AABB Foundation’s Hall of Fame, introduced in 2007, recognizes a prestigious and select group of Foundation grant recipients who leveraged their early-career grant funding into successful careers in transfusion medicine or biotherapies and who demonstrated exemplary leadership within the field. The AABB Foundation is pleased to induct five new members into the Hall of Fame this year. To be selected, individuals must meet the following criteria: completion of AABB Foundation-funded research; service on a minimum of three or more AABB committees or workgroups (including the AABB Board of Directors, the AABB Foundation Board of Trustees and the Transfusion Editorial Board); exemplary leadership through a successful career demonstrating commitment, foresight and contributions to the field; and current membership in AABB.

The induction ceremony will take place during the AABB Annual Meeting in Nashville, Tenn. Congratulations to this year’s inductees.

2023 Hall of Fame Inductees

Angelo D’Alessandro, PhD
Early-Career Scientific Research Grant Funded in 2016

**PROJECT TITLE:** “The Role of Adenosine Signaling in the Preservation of Energy Metabolism of Stored Erythrocytes”
Professor of Biochemistry and Molecular Genetics
Director, University of Colorado School of Medicine Metabolomics Core
Director, Mass Spectrometry Shared Resource - Colorado Cancer Center
Department of Biochemistry & Molecular Genetics; Department of Medicine - Division of Hematology
University of Colorado – Anschutz Medical Campus

Stephanie Eisenbarth, MD, PhD
Early-Career Scientific Research Grant Funded in 2012

**PROJECT TITLE:** “Identifying Innate Immune System Pathways Critical for RBC Alloimmunization”
Adjunct Associate Professor, Yale School of Medicine
Professor of Medicine and Pathology; Chief of Allergy & Immunology;
Director of the Center for Human Immunobiology, Northwestern University Feinberg School of Medicine
Ray and Elaine Patterson Professor of Medicine, Northwestern University
Krystalyn Hudson, PhD

Early-Career Scientific Research Grant Funded in 2014

PROJECT TITLE: “Establishment and Maintenance of Lymphocyte Tolerance to Red Blood Cell Antigens”
Assistant Professor, Columbia University, Department of Pathology & Cell Biology

Anand Padmanabhan, MD, PhD

Early-Career Scientific Research Grant Funded in 2012

PROJECT TITLE: “Role of IgA and IgM Immunoglobulins In Heparin-Induced Thrombocytopenia and Thrombosis (HIT)”
Co-founder, President & Chief Science Officer - Retham Technologies
Senior Associate Consultant - Division of Hematopathology and Division of Transfusion Medicine
Associate Professor of Laboratory Medicine and Pathology Teaching/Examining Privileges in Clinical & Translational Science
Graduate School of Biomedical Sciences, Mayo Clinic College of Medicine and Science

Brian R. Smith, MD

Early-Career Scientific Research Grant Funded in 1990

PROJECT TITLE: “Platelet-Leukocyte Interactions”
Deputy Dean for Clinical and Translational Research Co-Director, Yale Center for Clinical Investigation Professor and Chair of Laboratory Medicine
Professor of Biomedical Engineering, Int Medicine, Pediatrics Yale University School of Medicine

2023 AABB Foundation Scholars

Established in 1985, the AABB Foundation Scholar recognition highlights the research progress since being awarded AABB Foundation early-career grant funding. An early-career Scientific Research Grant recipient is recognized as an AABB Foundation Scholar after completing their grant term and providing a written report of their research. On average, the Foundation Scholars publish 20 peer-reviewed articles within three years of completing their grant and often score in the top 10th percentile for NIH R01 funding. These next-generation leaders in the field are responsible for medical breakthroughs in blood and biotherapies.

The AABB Foundation will recognize the following AABB Foundation Scientific Research Grant Scholars during the 2023 Annual Meeting:

<table>
<thead>
<tr>
<th>Grant Year Awarded</th>
<th>Scholar</th>
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<tbody>
<tr>
<td>2019</td>
<td>Delfim Duarte, MD, PhD</td>
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<td>2019</td>
<td>Saba Ghassemi, PhD</td>
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<td>2019</td>
<td>Marie Holienhorst, MD, PhD</td>
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<td>2020</td>
<td>Annamaria Aprile, PhD</td>
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<td>2020</td>
<td>Agnieszka Czechowicz, MD, PhD</td>
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<td>Areum Han, PhD</td>
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<td>2020</td>
<td>Robert Lee, PhD</td>
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<td>2020</td>
<td>Larry Luchsingher, PhD</td>
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<td>2020</td>
<td>Evan Orenstein, MD</td>
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<tr>
<td>2020</td>
<td>David Roh, MD</td>
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<tr>
<td>2021</td>
<td>Pietro Genovese, BSc, MSc, PhD</td>
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2023 RISE (Research Innovation in Scientific Excellence) Award

The RISE award honors the author(s) of the best original research article published each year in *Transfusion*. It recognizes impeccable study design, innovation, significance and effective communication in any area of knowledge covered by the journal. Selection of recipient(s) is a collaborative effort of the journal’s associate editors and the AABB Foundation Grants Review Committee. (The RISE Award is presented annually.)

The following authors will share the 2023 RISE award for their original research article, titled “Measurement of Post-Transfusion Red Blood Cell Survival Kinetics in Sickle Cell Disease and β-Thalassemia: A biotin label approach.”

**RECIPIENTS:**

| Jorn J. Gerritsma                       | Sanne de Bruin          |
| Nieke van der Bolt                    | Alexander P. J. Vlaar   |
| Robin van Bruggen                     | Bart J. Biemond        |
| Anja ten Brinke                       | Erfan Nur              |
| John van Dam                          | Ellen van der Schoot   |
| Guillermo Guerrero                    | Karin Fijnvandaal,     |
| Christie Vermeulen                    | on behalf of SCORE Consortium |

2023 AABB Foundation Award for Innovative Research

This award was established in 2016 to recognize a scientist whose original research resulted in an important contribution to the body of scientific knowledge in transfusion medicine or biotherapies. The recipient is selected by the AABB Foundation Scientific Grants Review Committee with formal approval by the AABB Foundation Board of Trustees.

**Robert Sheppard Nickel, MD, MSc**

**Early-Career Scientific Research Grant Funded in 2018 and completed in 2021**

**PROJECT TITLE:** Hydroxyurea and Transfusion (HAT): Pilot Study of Combination Therapy for Patients with Sickle Cell Anemia

The project’s findings led to a clinical trial that systematically investigated, for the first time, the benefits of adding hydroxyurea to chronic transfusion therapy for patients with sickle cell anemia, a combination therapy addressing an important problem that has become even more evident during the COVID-19 pandemic blood shortages. Since the completion of his AABB Foundation grant in 2021, Nickel has co-authored 11 scientific papers.

For more information on the 2023 AABB Foundation Hall of Fame Inductees and Foundation Award recipients, visit aabb.org/Foundation.