



AAABB

A CONNECTED COMMUNITY DEDICATED TO ADVANCING
TRANSFUSION MEDICINE AND BIOTHERAPIES.
FROM DONOR TO PATIENT. FROM LAB TO BEDSIDE.

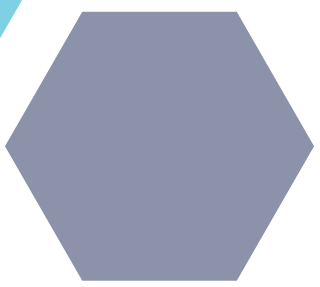


What began in 1948 as a group of physicians and health care professionals with a common interest in improving safety standards around the collection and transfusion of blood products

has evolved into the AABB of today – both in focus and in footprint – with individual and institutional members in more than 80 countries. Since its inception, AABB standards and accreditation have been the hallmark of excellence in health care. Although deeply rooted in transfusion medicine, AABB has since extended its expertise and resources into new areas including cellular therapies.

Even as the organization has matured, some things have remained central to its mission – a profound dedication to members, advancing the field through advocacy, and funding the dissemination of leading-edge research, while providing high-quality educational resources.





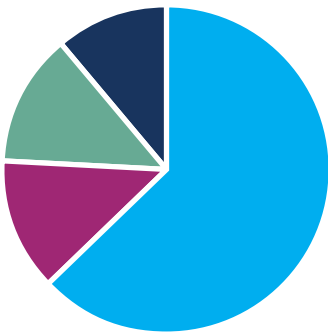


Membership

AABB Membership is comprised of a diverse community of health care professionals dedicated to making transfusion medicine and cellular therapies safe, available and effective worldwide. When you join AABB, you will have access to essential member benefits, including resources, education and opportunities to connect with leaders in your field.

Accredited Institutional Member Facilities

Facilities by Type



- 63%** Transfusion Service
- 13%** Community Blood Center
- 13%** Other
- 11%** Hospital Blood Bank

AABB Members receive discounts on books, Annual Meeting registration, eCasts and more.

AABB Members have access to exclusive member publications and resources.

6,000+

Individual Members

1,300+

Accredited Institutional Members

100+

Non-Accredited Institutional Members



“AABB has afforded me the opportunity to meet and work with dedicated health care professionals across the globe. I can’t imagine how my career in health care quality would have been without this opportunity.”

Leane Ziebell, MSA MT(ASCP)SBB,SQA(ASQ) • AABB Member for 32 years



“AABB membership allows you to collaborate and network with members all over the world. Being an AABB member has allowed me to bring best practices to my institution.”

Richard R. Gammon, MD • AABB Member for 23 years



“Learning is never-ending; being an AABB member allows me to receive a wealth of knowledge related to transfusion medicine and cellular therapies. The years of sharing knowledge and experience with colleagues have been invaluable.”

Meng Kee Tan, MT(ASCP) • AABB Member for 20 years



“I have gained professional connections, awareness about upcoming changes in the field and opportunities for collaboration. I’ve also found great friendship with other AABB members.”

Meghan Delaney, DO, MPH • AABB Member for 14 years



aabb.org/join | 301.907.6977 | membership@aabb.org





Member Engagement

AABB Member Engagement is facilitated through the **AABB Professional Engagement Program (PEP)**, a one-stop resource to get involved with the many volunteer and engagement opportunities within AABB. Expand your circle of influence and establish relationships that will last throughout your career when you engage in one of the member engagement opportunities PEP offers.

Join an AABB Committee –

Committee volunteers help to ensure timely and accurate information in all aspects of the Association. AABB Early Professional members, or an individual member with less than two years of membership, are eligible to become **Junior Committee Members**.

Be a Mentor/Mentee –

PEP's mentoring program matches experienced leaders with younger professionals for an informal, six-month mentoring experience.

Enroll in a Section –

Stay up to date on the latest happenings within your field by enrolling in the Cellular Therapies or Transfusion Medicine section.

Connect in the HUB –

This member-only forum fosters timely discussions on various aspects of the field. Members can seek other professionals' opinions on a specific topic or issue.

Become an Assessor –

The AABB Accreditation Program relies on highly skilled, volunteer assessors from accredited organizations dedicated to promoting the highest standard of care for patients and donors.



Learn more about these and other engagement opportunities offered for AABB Members.

Visit aabb.org/PEP or contact PEP@aabb.org.



"Participating in the AABB PEP Program has been a great experience. I have gotten to know members across the Association and have learned so much from all of them."

CLAUDIA S. COHN, MD, PHD



"My volunteer experience has helped me not only to improve my work and develop my career, but also to form invaluable connections...I am motivated to improve what we do to help ensure the safety of the donors and patients we serve."

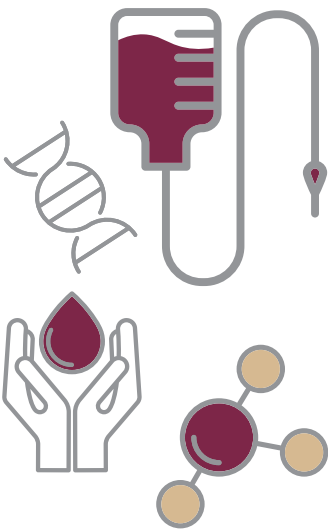
PATRICK W. OOLEY, MS, MT(ASCP), CQA(ASQ)CMQ/OE





Accreditation

Established in 1958, the **AABB Accreditation Program** strives to improve the quality and safety of collecting, processing, testing, distributing and administering blood and blood products through assessment of the quality and operational systems in place within the facility. The basis for assessment includes compliance with AABB Standards, Code of Federal Regulations and federal guidance documents. This independent assessment of operations helps the facility to prepare for other inspections and serves as a valuable tool.



AABB offers accreditation for the following types of activities:

- Transfusion Service
- Blood Bank
- Cellular Therapy Clinical Activities
- Donor Center
- Donor Testing
- PC Service
- Cord Blood Service
- Somatic Cell
- Relationship Testing Facility
- Immunohematology Reference Laboratory
- Perioperative Service
- Molecular Testing
- Out-of-Hospital Transfusion Administration Services



Our APEX accreditation portal makes it easier for facilities, assessors and institutional members – both current and prospective – to access and track their assessment information online.

794 volunteer assessors in **37** countries.

Accreditation and Assessor Training programs are accredited by **ISQua**.

Relationship Testing Accreditation recognized by the **US State Department** and **Department of Homeland Security** for parentage/immigration.

Accredited facilities in **34** countries.

Deemed status from Centers for Medicare and Medicaid Services (CMS) for Clinical Laboratory Improvement Amendments (CLIA) inspections in blood banking specialties for more than **20** years.

Approved for **CT sterility testing**.

The value of AABB accreditation is evident in the everyday activities in my facility and in my professional development.

LORNA RIACH, MA, BS, MT(ASCP)

aabb.org/accreditation

WE LISTENED!



You asked for more options. Now AABB offers Guidance for Standards compliance in print, side-by-side with the actual requirements.

Access the same relevant content from the Standards Portal – pertinent federal documents, helpful discussions from the Standards committees, variance requests and more – in any format you like.

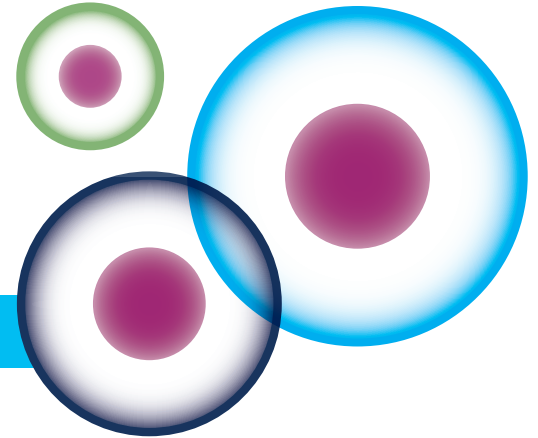
Choose from a print copy of the Standards, Guidance and Standards bundle, Standards Portal, print and digital bundle or a trial Standards Portal. The decision is yours!

Visit aabb.org/marketplace to learn more.



Center for Cellular Therapies

The AABB **Center for Cellular Therapies** is dedicated to cellular therapy professionals and institutions, fostering patient safety, responsible innovation, and professional development in cellular therapies and regenerative medicine.



Portfolio of Services

The AABB Center for Cellular Therapies offers professionals:

Activities in specific topic areas through subsection participation	Access to AABB's peer-reviewed journal, <i>TRANSFUSION</i>	Communications and resources, including <i>CellSource</i> newsletter
Education programs (eCasts, workshops)	Networking opportunities	Standards & Accreditation

Cellular Therapies CCT Subsections Projects

Subsections composed of AABB members focused on common topics meet regularly to develop a variety of 'products' in each area that serve as resources for other members and professionals.

Examples include:

- Procedures and templates
- Guidance documents
- Troubleshooting tips
- Presentations delivered by recognized experts
- And more...

Subsections

Current subsections include:



Cellular Therapies Certificate Program

AABB has partnered with The George Washington University to offer biomedical-healthcare professionals a certificate program in cellular therapies. The program is also used by regulatory agencies to train inspectors.

What participants are saying about the program:

"We have a bone marrow transplant program at the hospital where I work. This program helped me gain a better understanding of the whole process, from donor selection to infusion."

"As a recent graduate, the certificate program provided me with an in-depth knowledge about the cellular therapies field and its regulations."



THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, DC



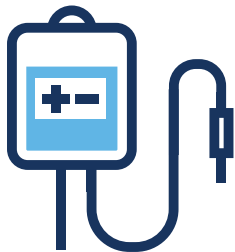
Patient Blood Management

Patient blood management (PBM) is an evidence-based, multidisciplinary approach to optimizing the care of patients who might need transfusion. PBM encompasses all aspects of patient evaluation and clinical management surrounding the transfusion decision-making process, including the application of appropriate indications, as well as minimization of blood loss and optimization of patient red cell mass. PBM can reduce the need for allogeneic blood transfusions and reduce health care costs, while ensuring that blood components are available for patients who need them.

PATIENT BLOOD MANAGEMENT

- 1 IMPROVES PATIENT OUTCOMES
- 2 LOWERS RISKS
- 3 REDUCES COSTS

PBM FACTS



Blood transfusion is the most common procedure performed during hospitalizations.

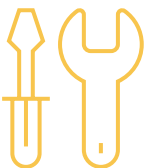


Transfusion guideline implementations are associated with **47%** reduction in mortality risk and **50%** decrease of total hospitalization cost after cardiac surgery.



Implementation of a PBM program leads to more efficient blood use.

PBM TOOLKIT



AABB offers the PBM Toolkit, a collection of resources available to help address various challenges your facility may encounter and to help improve patient care. Visit aabb.org/PBMtoolkit for more information.

PATIENT BLOOD MANAGEMENT CERTIFICATION



The Joint Commission

Patient Blood Management Certification

AABB and The Joint Commission have teamed up to offer Patient Blood Management Certification. Based on the AABB

Standards for a Patient Blood Management Program, this voluntary hospital certification is open to Joint Commission-accredited hospitals.

aabb.org/PBM

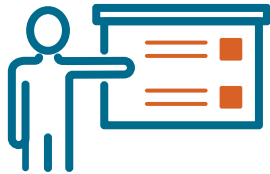


Annual Meeting

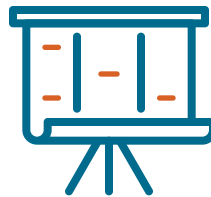
The **AABB Annual Meeting** is the must-attend event for cutting-edge research, technological advances, continuing education and networking within the fields of transfusion medicine and cellular therapies.



4,500+
Meeting Registrants



130+
Education Sessions



500+
Posters



140+
Exhibitors

Future Meeting Locations

BALTIMORE, MD | OCTOBER 3-6, 2020

ANAHEIM, CA | OCTOBER 16-19, 2021

ORLANDO, FL | OCTOBER 1-4, 2022

What Attendees Are Saying:

“Attending the AABB Annual Meeting is a highlight every year. The education sessions are great and you can learn so much over the course of the meeting.”

“This is one of the best events I have attended. The educational and networking opportunities are amazing.”

“The AABB Annual Meeting is of great use to my work because it gives me the opportunity to look out for new trends and technologies.”

“As a student, and relative new-comer to the field, this conference is so helpful and I appreciate the educational opportunities.”

Red Cells Immunotherapies Cellular Therapies

Standards
Pediatric Transfusions
Donor Collections
Collections, Processing and Storage
Massive Transfusion
Serology
Trauma Practices
Quality Management
New Technologies
Product Manufacturing
Accreditation
Professional Development
Public Health and Policy
Immunohematology
Regulations
Donor Testing
Operations
CAR T cells
New Innovations
Patient Blood Management
Molecular Diagnostics
Training
Therapeutic Apheresis
Patient Safety
Quality Assurance

Transfusion Medicine

aabb.org/annual-meeting



eLearning

AABB eLearning offers 60- to 90-minute interactive, online programs for health care professionals. Available both live and on-demand, AABB eCasts keep you up-to-date on the latest developments in patient and donor care.

Invest in yourself, your profession and your organization.

PARTICIPANTS RATE
PRACTICAL VALUE
AS EXCELLENT OR GOOD
95%
OR HIGHER.

95%
OF PARTICIPANTS
BELIEVE THE STATED
**LEARNING
OBJECTIVES**
WERE MET.

PARTICIPANTS RATE
**SPEAKER
KNOWLEDGE**
AS EXCELLENT OR GOOD
99%
OF THE TIME.

AABB Cellular Therapies Certificate Program

Consisting of 12 professionally-narrated online modules developed by faculty experts, this self-paced program offers biomedical and other healthcare professionals a certificate in cellular therapies.

AABB has partnered with The George Washington University (GW) to offer this program.

95%
OF PARTICIPANTS
SAID THE CERTIFICATE
PROGRAM HAD A
**MODERATE TO
HIGH IMPACT**
ON THEIR COMPETENCE/
KNOWLEDGE.

EARN CE/ CME CREDITS ANYTIME AND ANYWHERE

AABB offers continuing education credits/contact hours for most AABB eLearning activities.

Continuing Medical Education (CME) activities have been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of CME Outfitters and AABB. CME Outfitters is accredited by the ACCME to provide continuing medical education for physicians.

Patient Blood Management Learning Modules

This program is designed to educate clinicians about Informed Consent and Optimizing Transfusion Benefits. Ensure your hospital satisfies the *PBM Standard 2.1.4 Facility-Defined Credentials*, required for AABB/TJC Certification with these modules.

Relationship Testing Collection Training Module

A certificate course for individuals who would like to be recognized as AABB-trained DNA sample collectors for relationship testing purposes.

AABB Annual Meeting On-Demand

View recorded presentations from AABB's Annual Meetings at your own pace from the device of your choice while earning CE/CME credit.

aabb.org/eLearning





National Blood Foundation

AABB's National Blood Foundation (NBF) drives innovation through scientific research and education grants. Since 1983, the NBF early-career grant program has funded more than 200 investigators – many have become leaders in the field. The NBF supports initiatives that reinforce AABB's mission to support donor and patient safety and care.



Grant Recipients by Topic 2009-2019

- 56%** Transfusion Medicine
- 39%** Cellular Therapies
- 5%** Infectious Disease



\$10+ Million
Awarded to early-career
investigators



More Than 200
Research
grants awarded

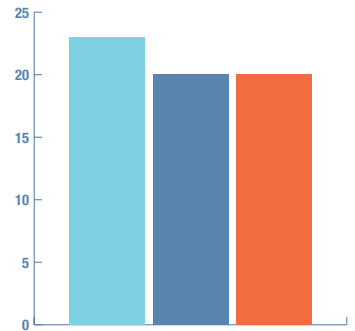


\$75,000
To each one- or two-
year project



**Top 10th
Percentile**
Recipients rank for
NIH R01 Funding

Recipient Successes During the NBF Grant Period*



- 23%** Successfully attained NIH or other funding
- 20%** Received career promotion
- 20%** Acquired research independence

* Data from Grants Funded 2009-2018

NBF Funded Research Projects Have Led to:



Discoveries that may lead to improved therapeutic strategies for promoting platelet and red blood cell production in vitro and/or in vivo.
[Diane Krause, MD, PhD]



Confirming the reversibility of the platelet shape change during storage.
[Paul D. Mintz, MD]



Identifying the molecular mechanism for the Knops blood group antigens and developing methods for genotyping.
[Joann Moulds, PhD, MT (ASCP)SBB]



Development of mouse models of acute and delayed HTRs that mimic the complications seen in humans following a blood transfusion.
[Steven L. Spitalnik, MD]



Understanding the impact of the inflammatory status of transfusion recipients on RBC alloantibody formation.
[Jeanne E. Hendrickson, MD]



Discovering the Rh family of proteins were ammonia transporters, the first to be found in mammals, changing the paradigm of ammonia transport in human physiology.
[Connie Westhoff, SBB, PhD]



Development of a TRALI alternate pathophysiology and two-event model.
[Christopher Silliman, MD, PhD]



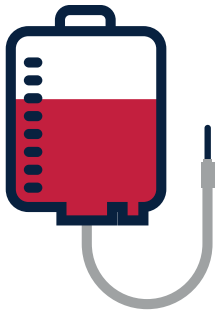
Identifying the SMIM1 protein on the red blood cell membrane and confirming its absence or presence in red blood cells from Vel-negative and Vel-positive donors.
[Jill R. Storry, PhD]



National Blood Exchange

AABB's National Blood Exchange (NBE) provides an important service to the blood bank and transfusion medicine community by coordinating the distribution of blood and blood components to meet demands. NBE's services are available to all AABB-accredited institutions.

NBE Network in Action



185,000
units of blood and blood components moved each year



150+
network blood centers and hospitals



100%
AABB-accredited shippers



PERSONALIZED ASSISTANCE:

NBE Account Managers are prepared to:

- Obtain type and component specific blood information on a daily, weekly and annual basis
- Provide daily assessments of the blood supply
- Match requests from facilities experiencing a shortage with those having a surplus
- Perform urgent and HLA matched platelet pheresis searches (*finding a successful match within hours*)



24/7 ACCESS: The NBE team is ready to assist with emergency blood shortage needs at any time of the day or night.



TREND ANALYSIS: NBE's unique perspective of the nation's blood supply allows our team to provide unparalleled trend analysis on the patterns and habits of blood centers nationwide.

“The National Blood Exchange (NBE) gives us access to the nationwide blood supply. This helps our hospital coordinate products during times of increased usage and local shortages that can be caused by weather, flu or local disasters. The NBE online centralized billing system provides one statement for the month detailing all transactions.”

Boston Medical Center

“We've always used NBE as a vehicle to distribute our excess units and they are a great partner. This time we needed them to help us import some units, and they did a great job helping us find blood quickly and at a price we could work with.”

Blood Center Customer

Contact NBE and access hundreds of participating blood centers and hospitals nationwide!

Tim Brown: tim@aabb.org
Rachel Maines: rachel@aabb.org

aabb.org/nbeprogram | 800.458.9388





Consulting Services

AABB Consulting Services, a division of AABB, has more than 50 years of history and experience as a leader in developing innovative strategies and solutions in the fields of transfusion medicine and cellular therapies. Our innovative assessment methods are effective in identifying specific challenges and opportunities unique to each facility. AABB experts provide exceptional results while guiding clients to achieve sustainable goals.

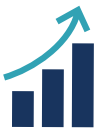
PORTFOLIO OF SERVICES



QUALITY MANAGEMENT SYSTEM DESIGN AND IMPLEMENTATION With AABB's Quality System Essentials as the framework, we develop a quality management system to meet institution specific requirements and resource.



REGULATORY AND ACCREDITATION ASSESSMENTS We conduct a gap analysis to assist in meeting guidelines of various organizations including AABB, FDA, CAP, CLIA, FACT, The Joint Commission, ISO 15189, ISO 9001, AATB, COLA and JACIE.



PROCESS IMPROVEMENT Using modern assessment tools, we work with facilities to map processes and identify opportunities for continuous improvement in operations and patient safety.



TRAINING AND DEVELOPMENT We offer custom training programs, tailored to meet the needs of all management and staff levels, fulfilling your specific learning objectives.

TESTIMONIAL

"It was a very important and beneficial consultation to both the organization and at an individual level. The AABB consultant effectively shared her valuable experience with us and effectively communicated the AABB standards tailored to our cord blood bank. AABB Consultation Services has been recommended to other regional cord blood banks."

RECENT ACCOMPLISHMENTS

- Recipient of 3-year corporate charitable contribution from Chevron to provide technical assistance to blood banks in the Cabinda Province, Angola.
- Terumo hemovigilance project.
- Presented at National Nuclear Safety Administration (NNSA) in Guangzhou, China.
- Recipient of African Society of Blood Transfusion President's Award.



Join the AABB community.

Benefits of membership include:

CAREER ADVANCEMENT RESOURCES

- Continuing education credits (CME/CE/SAM)
- Cutting-edge conferences and events, including certificate programs and eCasts
- CareerLink job board

EXPERT NETWORKING OPPORTUNITIES

- AABB Professional Engagement Program
- Online discussion groups
- Mentoring programs for young professionals
- Participation on committees and task forces
- Subsection workgroups in transfusion medicine and cellular therapies

DISCOUNTS AND SAVINGS

AABB Members receive discounts on:

- Book purchases
- eCasts and all educational offerings
- AABB annual meeting registration
- Award-winning Cellular Therapies Certificate program
- And More!

ACCESS UP-TO-DATE INFORMATION

- Exclusive member communications, including *AABB News* and *Weekly Report*
- “Hot Topic” print and digital resources
- Technical assistance from knowledgeable regulatory, standards, and technical staff

INNOVATIVE RESEARCH ADVANCEMENTS

- NBF early-career Scientific Research Grants
- *TRANSFUSION* issues and supplements
- Transfusion-transmissible disease tracking
- Scientific and administrative abstract presentations

Find out how to join today!
www.aabb.org/join



Advancing Transfusion and
Cellular Therapies Worldwide



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