



NewsBEAT

[Membership](#) | [Events](#) | [Awards](#) | [Resources](#)



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Today's Journal Club



Join **Dr. William Hughes** (Medical College of Wisconsin), today at 1:00pmET as he presents the paper, "*In Aged Females, the Enhanced Pressor Response to Angiotensin II is Attenuated by Estrogen Replacement via an Angiotensin Type 2 Receptor-Mediated Mechanism*" from Hypertension. Review the paper:

<https://www.ahajournals.org/doi/10.1161/HYPERTENSIONAHA.121.17164>

Journal Clubs are organized by the NAVBO Education Committee. **Dr. Ke Yuan**, Boston Children's Hospital, will moderate.

Journal Clubs are exclusive to NAVBO members - [register here](#).

Call for Postdoc Volunteers



Calling all postdocs! The **NAVBO Membership Committee** is currently accepting CVs in consideration for trainee positions within the committee. If you are interested in becoming more involved with the society, please submit your CV by email to membership@navbo.org today! Applications will be reviewed on a rolling basis.

Membership Scholarships

Advancing Your Voices through Diversity and Inclusion

As announced at Vascular Biology 2020, NAVBO established a funding platform to support diversity and inclusion efforts at the undergraduate and graduate student career stages.

NAVBO actively recruits trainees as members and supports their growth and career and has obtained funding via an NIH-funded grant to Medical College of Wisconsin to support the educational training of students. This training includes the attendance at scientific conferences and/or webinars. NAVBO trainee members can participate in several webinars throughout the year, plus Journal Clubs, focus sessions and symposia, thus recruiting new members will bring more educational opportunities to these students.

We would like to use this grant to help increase diversity and inclusion within the vascular biology community, expose more young scientists to the field of vascular biology, and to bring more trainees into this collaborative community. Therefore, we are extending an offer of free membership to students who are members of populations that are not well represented in vascular biology, including but not limited to Black/African American, Latinx/Hispanic, Indigenous Peoples of America/Native American (including Native Hawaiian and Alaskan), and LGBTQ+. We would also like to extend this offer to students who may be at a financial disadvantage and would benefit from this opportunity.

If you, or your students, are interested in this opportunity, [please complete this online form](#).

NAVBO Webinars

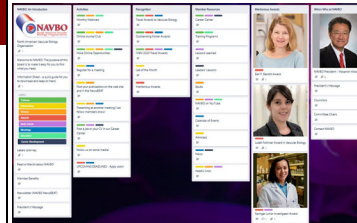
Upcoming Webinar

Our July 1 webinar "Chromatin Remodeling and Gene Regulation in Vascular Homeostasis and Disease" will feature **Dr. Marlene Rabinovitch**, of Stanford

In this issue...

- Journal Club
- Volunteers Needed
- Scholarship Program
- Webinars
- Vasculata
- VB2021
- Travel Awards Available
- Lymphatics Awards
- Focus Session
- Symposia
- Leaders' Lessons
- Lab of the Month
- Member News
- Spotlight on Trainees
- Member Publications
- Industry News
- Calendar of Events
- Job Postings

NAVBO Quick Overview



Meetings/Events



Webinars - 1st Thursday
Focus Sessions - 2nd and 4th Thursdays
Journal Clubs - 3rd Thursdays
Special Sessions on Tuesdays
([check schedule](#))
Download the NAVBO Events App from the App stores

SAVE THE DATE!

LYMPHATIC FORUM 2021
Exploring the Lymphatic Continuum Virtual Meeting
May 31-June 5, 2021

Registration open through June 5



Vasculata 2021
Virtual July 13-15

Now Accepting Abstracts
Registration is Open



University. [More information is on our web site.](#)

Look for more webinars and bookmark this [page on our web site](#) for more exciting 2021 webinars.

Virtual Vasculata 2021

Plan to Attend Vasculata 2021!

July 13-15

Register Now through July 13!

Featured Workshop:

Innovations in Vascular Imaging

Tissue clearing and light sheet microscopy for quantitative 3D analysis workshop supported by [Miltenyi Biotec](#).



Miltenyi Biotec

[See the Program](#)

Vascular Biology 2021

Plan now to submit an abstract for Vascular Biology 2021. We will be accepting abstracts for in-person posters and short talks as well as ePosters. In addition, we will be holding Virtual Poster Sessions. [Find out more on our web site.](#)

[Submit an Abstract](#)



Plan to join us from October 24-28, 2021 at the Asilomar Conference Center in Monterey, California! **Vascular Biology 2021** will feature the Developmental Vascular Biology & Genetics and the Vascular Matrix Biology & Bioengineering Workshops. The registration site will be open soon! [See the program on our web site.](#)

Travel Awards Available for Trainees

NAVBO will support two travel awards to the **4th Annual Gulf Coast Vascular Research Consortium - Highlighting Vascular Disease and Remodeling** (Sept 24-25, 2021 - Shreveport Convention Center).

The Gulf Coast Vascular Research Consortium is the annual conference highlighting cutting edge research in Vascular Biology from world-renowned laboratories across the Gulf Coast region. By bringing together a critical mass of scientific pioneers and educators, the annual Gulf Coast Vascular Research Consortium will facilitate knowledge transfer, novel insights and new collaborations.

Abstracts are due by August 20; Registrations due by September 3.
Cost: \$50 Faculty & Others; \$25 Trainees
[Visit the web site](#)

If you are interested in applying for a Travel Award, please send your CV and a copy of your submitted abstract to membership@navbo.org by August 23.

Lymphatic Forum 2021

Vascular Biology 2021



Journal Club

Join us on June 17 for our next Journal Club



22nd International Vascular Biology Meeting
San Francisco Bay Area
October 13-17, 2022



Webinar Series



Corporate Partners



Quantifying Cell Behavior



Miltenyi Biotec



Corporate Members



VB2020 Supporters

Lymphatic Education & Research Network and
North American Vascular Biology Organization

Co-Sponsors of the

LYMPHATIC FORUM 2021

present this

YOUNG INVESTIGATOR AWARD
First Place

to

Rafael Czepielewski



Lymphatic Education
& Research Network



NAVBO
North American Vascular
Biology Organization

Congratulations to the following Young Investigator Award winners! They were selected by a panel of judges for the outstanding talks they gave during the 2021 Virtual Lymphatic Forum. It was a difficult task for the committee, given that there were 28 excellent talks given by trainees during the meeting and over 100 abstracts submitted in total. Everyone should be congratulated on the scientific contributions that were submitted to make the meeting a success.

First Place - **Rafael Czepielewski**, *Mesenteric tertiary lymphoid organs arising from collecting lymphatic vessels disrupts gut to lymph node communication and immunity in IBD*, PI: Gwen Randolph, Washington University in St. Louis

Runner Up 1 - **Luca Ducoli**, *LETR1 is a lymphatic endothelial-specific lncRNA governing cell proliferation and migration through KLF4 and SEMA3C*, PI: Michael Detmar, ETH Zurich

Runner Up 2 - **Michelle Cully**, *Targeting lymphatic Endothelial Cell IKKa Drives Formation of Bronchus Associated Lymphoid Tissue*, PI: Michael May, University of Pennsylvania

Runner Up 3 - **Drew Sutton**, *MDFIC mutations cause autosomal recessive central conducting lymphatic anomaly (CCLA)*, PI: Natasha Harvey, University of South Australia

Next Focus Session

Focusing on Organ Specific Vasculature



Join us Thursday, June 24 at 1:00pmET

Presentations include:

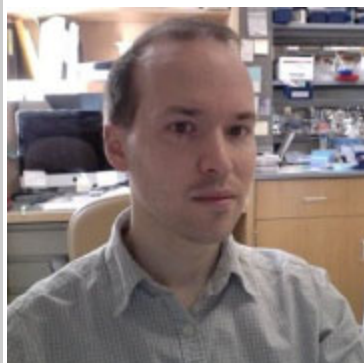
Slit2-Robo signaling promotes glomerular vascularization
- Dr. Jinyu Li, Yale University School of Medicine

Visualizing the effects of aging on hepatic blood bile barrier using two-photon intravital imaging
- Dr. Tirthadipa Pradhan-Sundd, University of Pittsburgh School of Medicine

Characterization of the zebrafish meningeal layers and their resident cells
- Dr. Marina Venero Galanternik, NIH/NICDH

[Register](#)

Upcoming Symposia



Retinal and Choroidal Angiogenesis: Advances in Fundamental and Clinical research

Tuesday, July 20, 2021 from
10:00am-11:30amET

Organized by **Bruno Larrivée**, Université de Montréal



Shaping Cell Behavior

New Date! Will now take place on
Tuesday, August 17, 2021 from
11:00am - 12:30pmET

Organized by **Katie Bentley**, The Francis Crick Institute

Partial EndMT in Cardiovascular Disease



Center for Interdisciplinary Cardiovascular Sciences
Brigham and Women's Hospital
Harvard Medical School



VB20 Guest Societies



Affiliated Journals



Cardiovascular
Pathology



frontiers
in Cardiovascular
Medicine



Tuesday, September 21 from 1:00pm-2:30pmET

Organized by **Joyce Bischoff**, Harvard Medical School

Online Symposia and Focus Sessions are Sponsored by the NAVBO Online Program Committee

Leaders' Lessons

The NAVBO Education Committee reached out to interview several senior members of the Vascular Biology community to get their thoughts on a variety of key questions regarding how they pursue their science and choices they have made along their paths to professional success. We will be providing regular installments of the diverse perspectives from different individuals to share how some of our Vascular Biology Leaders have learned some of their Lessons. This will be an ongoing series and we hope to connect with more Leaders in the future!

In this issue, we asked Senior Scientists to respond to the question: **How do you stay current in terms of your scientific approach the skills? How do you go about re-invigorating your research to keep it fresh?**



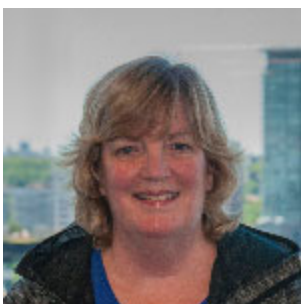
Patricia D'Amore, Ph.D., Senior Scientist, Schepens Eye Research Institute; Director, Howe Laboratory; Associate Chief for Ophthalmology Basic and Translational Research, Massachusetts Eye and Ear; Charles L. Schepens Professor of Ophthalmology, Harvard Medical School

Jan Kitajewski, Ph.D., Professor and Head of Department of Physiology and Biophysics, College of Medicine at Chicago; Director, University of Illinois Cancer Center



Shulamit Levenberg, Ph.D., Professor and Former Dean, Biomedical Engineering Department; Director, Stem Cell and Tissue Engineering Laboratory; Technion, Israel Institute of Technology, Haifa, Israel

Robert Mecham, Ph.D., Alumni Endowed Professor of Cell Biology and Physiology, Professor of Medicine, Pediatrics and Bioengineering, Washington School of Medicine in St. Louis



Michelle Bendeck, Ph.D., Professor, Department of Laboratory Medicine and Pathobiology, University of Toronto and Translational Biology and Engineering Program, Ted Rogers Centre for Heart Research

Joyce Bischoff, Ph.D., Professor of Surgery, Harvard Medical School; Research Associate, Surgery, Boston Children's Hospital; Principal Investigator, Surgery and Vascular Biology Program, Boston Children's Hospital



Victoria Bautch, Ph.D., Beverly Long Chapin Distinguished Professor, Department of Biology, University of North Carolina at Chapel Hill; Co-Director of McAllister Heart Institute

Lab of the Month



Lab of the Month - June 2021

The Lab of Dr. Isabella Grumbach

This month we are highlighting the lab of Dr. Isabella Grumbach, who is a Professor at the University of Iowa. Find out more about Dr. Grumbach's lab by [visiting her page](#) in our Lab of the Month listing.

Member News

Welcome to our New Members:

Claire Aitken, University of Oxford
Lolade Bolarinwa, University of Illinois at Chicago
Apoorva Bommareddy, University of Illinois at Chicago
Daniella Eliathamby, University of Toronto
Juliana Escudero, University of Illinois at Chicago
Alanna Farrell, Boston University
Eduardo Frias Anaya, University of California San Diego
Delaney Gray, Boston University
Maureen Haynes, Northwestern University
Andrew Joe, Tufts Medical Center
Cynthia Liu, UCSF
Mingjun Liu, University of Pittsburgh
Xuejing Liu, City of Hope
Emma Lofgren, Duke University
Alishba Maira, Albert Einstein College of Medicine
Mai Ngo, Boston University
Meghan Sedovy, Virginia Tech
Radhika Sharma, Tufts Medical Center
Michelle Soltys, University of Illinois at Chicago
Bryan Sutherland, Boston University
Alonso Tapia, City of Hope
Krishna Thakkar, University of Illinois at Chicago

If you have news to share with your colleagues, send it to membership@navbo.org



Spotlight on Trainees

Embracing ignorance on the road to discovery

[from NAVBO Editor Bill Huckle] While organizing various Virginia Tech Grad School files for digitizing, I stumbled across a marvelous essay by NAVBO stalwart [Martin Schwartz](#), published in 2008 while he was on faculty at UVA. The piece, titled "[The importance of stupidity in scientific research](#)," is both a tongue-in-cheek recollection of Martin's own realization that pushing beyond the boundaries of our knowledge is precisely what we are called to do as scientists, and also an appeal to us as mentors to instill in our trainees a sense of comfort and even exhilaration when grappling with their ignorance. The aim of a prelim exam, Martin wrote, "...isn't to see if the student gets all the answers right. If they do, it's the faculty who failed the exam. The point is to identify the student's weaknesses, partly to see where they need to invest some effort and partly to see whether the student's knowledge fails at a sufficiently high level that they are ready to take on a research project." "The more comfortable we become with being stupid," he concluded, "the deeper we will wade into the unknown and the more likely we are to make big discoveries."

(originally published in our June 3 issue)

Recent Member Publications

Matrix stiffness primes lymphatic tube formation directed by vascular endothelial growth factor-C
The FASEB Journal

Dysfunction of the lymphatic system is associated with a wide range of disease phenotypes. The restoration of dysfunctional lymphatic vessels has been hypothesized as an innovative method to rescue healthy phenotypes in diseased states including neurological conditions, metabolic syndromes, and cardiovascular disease. [Read more](#)

If you have a recent paper that you would like to share with NAVBO NewsBEAT subscribers, send the title and link to membership@navbo.org. Please note, only papers authored by current NAVBO members are accepted for inclusion.

Industry News

Cell Press explores community manuscript review

At one time or another, all scientists have experienced delays in the publication of their findings owing to the need to redirect a manuscript declined by an initially targeted journal – an inherently sequential process. To expedite the publication process and to help articles reach an optimal audience, Cell Press has announced a pilot [Community Review](#) program. This program would enable multiple journals in the Cell Press portfolio simultaneously to consider publication, engaging the efforts of an advocate for the submitted work throughout peer review. In principle, community review helps "...authors find the right home for their paper and provides them with structured peer review that outlines options for revision and publication; a dedicated, primary point of contact; and an integrated, effective process." Questions and pre-submission inquiries may be directed to community@cell.com.

Why can we trust the information produced by scientific research?

The US National Academies of Sciences, Engineering, and Medicine have launched a web-based primer, [Decoding Science](#), through which the general public can become better acquainted with how the scientific process changes what we know. Site visitors are encouraged to understand the importance of experimental reproducibility, how to reconcile conflicting findings from seemingly similar studies, and the value of failure in lighting the path to discovery. The site materials were based on [Reproducibility and Replicability in Science](#), a 2019 consensus report of the NASEM that examined the subject of reproducibility as both a component of confidence in findings and a driver of deeper understanding. The timing is good, in view of current levels of vaccine skepticism.

AAMC group shares details on FY2022 White House budget request

The American Association of Medical Colleges' Ad Hoc Group for Medical Research, a coalition of key healthcare stakeholders, has applauded President Biden's historic proposed funding level for the [NIH in FY2022](#), recognizing the role of medical research in improving health for patients in the U.S. and around the globe. The advocacy group has recommended an NIH base budget of at least \$46.1 billion and pledges to work with lawmakers to build on the President's proposal toward this goal. The group remains concerned about lingering financial impacts of the coronavirus pandemic on research progress and on the research workforce. The [RISE Act](#), reintroduced by Congress in February to provide relief to institutions of higher education, research institutions, and researchers, would allow the NIH to rebuild and further diversify the research workforce infrastructure and also continue to expand its investment in new research to provide better health for patients.

(originally published in our June 3 issue)

Calendar of Events

June 30, 2021	Reaching the Peak: A Science & Technology Career Summit
July 1, 2021	Chromatin Remodeling and Gene Regulation in Vascular Homeostasis and Disease
July 13 - 15, 2021	Vasculata 2021
August 17, 2021	NAVBO Symposium: Shaping Cell Behavior
October 24 - 28, 2021	Vascular Biology 2021
October 24 - 27, 2021	ISA 2021
October 28 & 29, 2021	International Scientific Meeting for PIK3CA Related Conditions
November 1 - 4, 2021	36th Annual Critical Issues in Tumor Microenvironment: Angiogenesis, Metastasis and Immunology

Job Postings

Job Title	Company	Location
Research Assistant	University of Pennsylvania	Philadelphia, PA
Postdoctoral Associate	Rutgers University	Newark, NJ
Postdoctoral Fellow in Translational Genetics	University of California, San Francisco	San Francisco, CA
Postdoctoral Fellowship in Vascular Developmental Biology	University of South Florida	Tampa, FL
Research Assistant	Weill Cornell Medicine	New York, NY
Postdoctoral Fellow in Vascular Biology and Immunology	University of Pennsylvania	Philadelphia, PA

[Post-doc or Research Associate](#)

Case Cardiovascular Institute

Cleveland, OH

[Postdoctoral Fellows](#)

University of Washington

Seattle, WA

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