



NewsBEAT

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Call for Committee Volunteers

We are seeking new members for our Education Committee, Membership Committee and our Communications Committee.

The **Education Committee** is seeking three PIs and one postdoctoral fellow. We currently have six postdocs and eight members who are PIs. It may sound like a large committee, but this committee has a lot going on including: organizing webinars, journal clubs, and career development forums, developing a listing of fundamental papers, maintaining a training grant directory and more! If you are interested in joining this committee, send your CV and reason for your interest in this committee to Kishore Wary, Committee Chair at kkwary@uic.edu.

The **Communications Committee** oversees the web site, the Newsletter and the *Vascular Biology Publications Alert*, and maintains our Social Media presence. Are you active on Twitter, LinkedIn, etc.? The committee is also working on some new projects including the NAVBO Wikipedia page and materials to help new members navigate not only the web site, but all NAVBO activities. They are looking for five new members, 2-3 PIs and 2-3 postdocs (PhD students are also welcome). If you are interested, please contact the Committee Chair, Marie Billaud at mbillaud@bwh.harvard.edu (send her your CV and your particular interest).

And finally, the NAVBO **Membership Committee** is also looking for several new members and would like to welcome volunteers who are 3rd or 4th year graduate students as well as postdocs and PIs. This Committee helps to welcome new members and retain existing members by enhancing the benefits of NAVBO as well as keeping members informed of the benefits. Contact Danielle, membership@navbo.org if you are interested - include your CV.

For more information about our committees, visit this web page: <https://www.navbo.org/leadership/> and check out the video.

NAVBO Mentor Match



Take Advantage of the NAVBO Mentor Match Program

NAVBO is providing our community with a mentor-mentee matching program. Mentors must be NAVBO members. If someone is interested in enrolling as a mentee and is not a NAVBO member, contact Danielle (membership@navbo.org).

When you enroll, select the area in which you would like to concentrate on - managing a lab, looking for a postdoc position, diversity and inclusion, developing a research program, life balance, etc. The system will make mentor suggestions to mentees and mentees can reach out to suggested Mentors.

Find out more about the program within the Vascular Network - <https://community.navbo.org/mentoring>

Vasculata - Abstracts due June 6!



We're excited to be hosting Vasculata at Duke University - organized by Patty Lee, M.D., Duke University; Edward Moreira Bahnon, University of North Carolina at Chapel Hill; and Francis Miller, Wake Forest University School of Medicine. The program features a keynote lecture by Dr. Vicki Bauth of the University of North Carolina at Chapel Hill, hands-on workshops (*nearly sold out*), affordable housing, networking,

In this issue...

- Call for Volunteers
- Mentor Matching
- Vasculata 2022
- IVBM 2022
- Spotlight on Trainees
- Lab of the Month
- Member News
- Spotlight on Trainees
- CSR Early Career Reviewers Needed
- Member Publications
- Industry News
- Summer Programs
- Call for Papers
- Calendar of Events
- Job Postings
- Did You Know?

Meetings/Events



Webinars - 1st Thursday
InFocus Sessions - 2nd and 4th Thursdays
Journal Clubs - 3rd Thursdays
Special Sessions on Tuesdays
([check schedule](#))



Did you know?

The Member Portal Makes it Easy for NAVBO Members to:

- Register for an online event or upcoming conferences quickly
- Easily see events for which you have registered
- Access your data and update your profile
- Renew your membership, check your current status, print invoices or receipts
- Search the Directory for other NAVBO members
- Use Research Categories to find those with like interests
- Connect directly to the Vascular Network and our Career Center

poster sessions and more! Only 30 spots left - Join us this summer!

Abstracts are due by June 6.
Go to <https://navbo.org/vasculata>

Vasculata 2022
July 18-21, 2022
In-Person at Duke University Medical Center

Download and post our flyer!



Miltenyi Biotec

Special thanks to **Miltenyi Biotec** for their support and help in organizing the Light Sheet Microscopy Workshop.

IVBM - Plan to Attend!

Our program now includes several more sessions programmed by our collaborating societies. . . and there is more to come. See the program at <https://ivbm2022.org/program>

The program will also include over 100 short talks based on selected abstracts, including the sessions sponsored by the participating societies. Submit your abstract and indicate the theme and topics best aligned with your research. We also expect to have 500 posters over three days - submit your abstract for inclusion in our program!

The abstract deadline is August 1, 2022

Submit Your Abstract



Current NAVBO regular and postdoc members receive a discount - pay only \$495 through August 31. NAVBO students pay \$365 through August 31. *Members of participating societies also receive discounts. See the list on the registration page. To register for the meeting, go to*

<https://www.ivbm2022.org/registration/>

Please note that the IVBM is an in-person meeting.

See the Preliminary Program

Travel Awards for IVBM

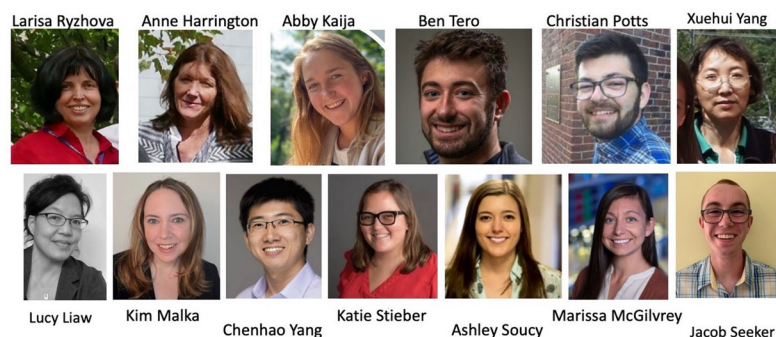
Trainees Apply for a Travel Award

Several organizations will be offering trainee travel awards to this year's IVBM. You must submit an abstract in order to be eligible (details are included within the submission site). At the time of this announcement the organizations include:

*ACS Pharmacology and Translational Science
British Microcirculation Vascular Biology Society
Japanese Vascular Biology and Medicine Organization
Korean Society for Vascular Biology and Medicine
North American Vascular Biology Organization*

Go to <https://www.ivbm2022.org/trainee-opportunities/> for details. Deadline to apply is August 1 (same as abstract deadline).

Lab of the Month



Lab of the Month - June 2022

The Lab of Dr. Lucy Liaw

This month we are highlighting the lab of Dr. Lucy Liaw, Professor at MaineHealth Institute for Research. Find out more about her lab by visiting [her page](#) in our Lab of the Month listing.

Member News

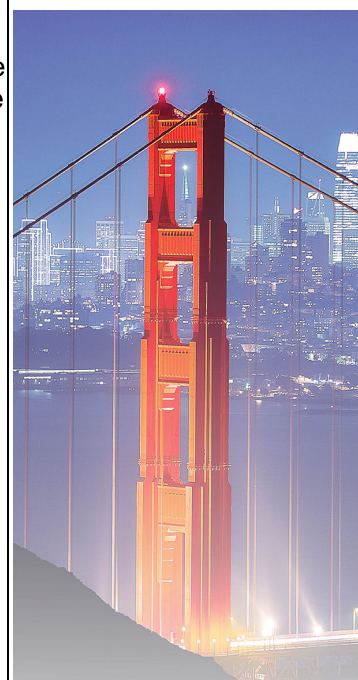
Welcome to our New Members:

Raphaela Allgayer, McGill University
William Cade, Duke University
Manuel Cantu Gutierrez, Children's Hospital of Philadelphia
Jacqueline Cole, North Carolina State University and University of North Carolina
David Csordas, University of Virginia



There's an app for that!

Download the **MemberPlus** app to register for events, find other NAVBO members and access resources such as the **Career Center** and the **NAVBO Academy** on your phone or tablet. **Go to the App Store or Google Play.**



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



IVBM 2022 Supporters

We gratefully acknowledge the support of the following societies, academic centers and corporations.

Corporate Support Diamond Level



Gold Level Partner



Strategic Partners



Paul DeCostanza, University of Virginia
Maristella Donato, University of Washington
Danica Dy, UNC Chapel Hill
Katie Anne Fopiano, Medical College of Georgia, Augusta University
Ariana Frey, University of Washington
Jason Irei, University of Hawaii JABSOM
Donghyun Jeong, Notre Dame
Jordan Jesse, University of Illinois, Chicago
Ellery Jones, Duke University
Sarah Kubik, University of North Carolina Chapel Hill
Abbey Lightfoot, University of Birmingham
Victoria Milosek, University of Virginia
Iuliia Molokotina, Cleveland Clinic
Oluwalade Ogungbesan, Vanderbilt University
Gloriani Sanchez Marrero, Georgia Institute of Technology
Sandra Stangeland-Molo, University of North Carolina-Chapel Hill
Chad Stroope, LSUHS
Mingming Tong, Stanford Cardiovascular Institute
Joanna Wong, University of Pennsylvania
Hao Zhou, University of Washington

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

Spotlight on Trainees

Applications for 2022 Science & SciLifeLab Prize open

Science & SciLifeLab announce [opening of applications](#) for their annual Prize for Young Scientists, awarded to promising scientists who have received their Ph.D. between January 1, 2020 and December 31, 2021. The prize is presented in four categories: Cell and Molecular Biology, Ecology and Environment, Molecular Medicine, and Genomics, Proteomics and Systems Biology. Applicants will submit a 1000-word essay (due July 15, 2022) to be assessed on the quality of research and the applicants' ability to articulate how their work would contribute to the scientific field. Prize winners will have their essays published by Science, receive a cash award, and be invited to Sweden to present your research and meet with leading scientists in your field.

CSR's Early Career Reviewers

The Center for Scientific Review (CSR) at the National Institutes of Health invites early career scientists to join our Early Career Reviewer program. Participants gain first-hand NIH grant review experience which can be helpful in preparing their own grants.

In brief, the program is open to those who:

- Have at least 1 year of independent research experience (assistant professors and similar roles; associate professors are not eligible and post-docs are not eligible)
- Have not held an R01 or equivalent
- Have at least one senior-authored publication (first, last, or corresponding) since earning a Ph.D. or M.D. and at least one in the last 2 years
- Have submitted an NIH grant application and received the summary statement

Details and the application can be found here:

<https://public.csr.nih.gov/ForReviewers/BecomeARewriter/ECR>

Questions are welcome – CSRearlycareerreviewer@mail.nih.gov

Recent Member Publications

Industry News

HHMI initiative seeks to advance scientists from underrepresented groups

The [Freeman Hrabowski Scholars Program](#) sponsored by the Howard Hughes Medical Institute is now accepting applications from outstanding basic biomedical researchers, including physician-scientists, who are strongly committed to advancing diversity, equity, and inclusion in science. Over the next 20 years, HHMI expects to hire and support up to 150 early-career faculty as Freeman Hrabowski Scholars, appointed to a five-year renewable term. The program honors the contributions of Dr. Freeman A. Hrabowski III, outgoing president of the University of Maryland, Baltimore County and a major force in increasing the number of scientists, engineers, and physicians from backgrounds underrepresented in science in the United States.

Tips on navigating NIH's Data Management and Sharing Policy

Writing in the [Under the Poliscscope blog](#), NIH science policy official Lyric Jorgenson describes implementation status of the new NIH Data Management and Sharing Policy (DMS Policy) and highlights resources to help investigators remain compliant. NIH has worked across the agency and with [investigator input](#) to develop a new [resource](#) that shares best practices for developing informed consents to facilitate data/biospecimen storage and sharing for future use. It also provides modifiable sample language that investigators and IRBs can use to assist in the clear communication of potential risks and benefits associated with data/biospecimen storage and sharing. In addition, NIH is requesting public comment on [protecting the privacy](#) of research

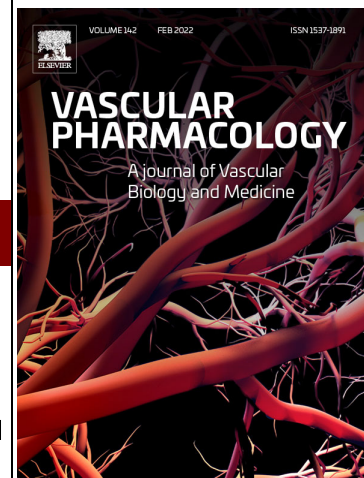


Event Partners

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JCI The Journal
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EUROPEAN
VASCULAR BIOLOGY
ORGANISATION



The Japanese Vascular Biology and
Medicine Organization



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participants when data is shared. Comments on the draft will be [accepted](#) until June 27, 2022.

COVID-19 and circulatory health

Cardiovascular specialists worldwide are on full alert to provide up-to-date insight on both the acute and long-term effects of SARS-CoV2 infection on the circulatory system. Noting that some symptoms common in coronavirus “long-haulers” may be due to heart problems or just from having been ill with COVID-19, Johns Hopkins cardiologists [Wendy Post and Nisha Gilotra review](#) factors (hypoxia, myocarditis, stress cardiomyopathy, cytokine storm) that may lead to temporary or lasting damage to heart tissue after CoV2 infection. Causative relationships between these factors and long-term circulatory dysfunction remain to be firmly established and remain the focus of intense research.

Summer Programs



PRIDE CVD-CGE

Cardiovascular Disease Comorbidities, Genetics and Epidemiology
July 11-27, 2022 at the University of Washington in St. Louis

The NHLBI-funded “Programs to Increase Diversity Among Individuals Engaged in Health-Related Research” support junior faculty underrepresented in biomedical research.

Space is limited for the mentored program starting summer 2022.
[Apply early!](#)

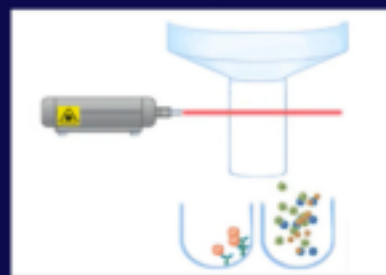
[Learn more . . .](#)

More PRIDE Programs:

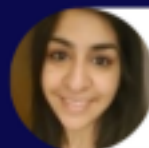
- [Cardiovascular Health-Related Research](#) (SUNY Downstate Health Sciences University)
- [Future Faculty of Cardiovascular Sciences](#) (UC San Diego)
- [Research in Implementation Science for Equity](#) (UC San Francisco)

Call for Papers

Emerging Methods in Profiling Endothelial Cells at Single-Cell Resolution



Zhen B. Chen
City of Hope,
Department of Diabetes
Complications and
Metabolism



Naseeb Kaur Malhi
City of Hope,
Department of Diabetes
Complications and
Metabolism

Are you using leading-edge techniques to profile endothelial cells at single-cell resolution? Consider submitting your work to a new JoVE collection guest-edited by NAVBO members, **Dr Zhen Bouman Chen** (2020 Springer Junior Investigator Award winner) and Dr. **Naseeb Malhi** at City of Hope! For more information or to submit an abstract, please email zhenchen@coh.org or [follow this link](#).



Lymphatic System: Organ Specific Functions in Health and Disease

Topic Editors: **Tsutomu Kume**, **Young-Kwon Hong**, **Zoltán Jakus** and **Kaska Koltowska**

[Read more here.](#)

INTERNATIONAL SOCIETY FOR
Applied
Cardiovascular
Biology



Guests



BMVBS
British Microcirculation &
Vascular Biology Society



Academic

Suma Cum Laude



BRIGHAM AND WOMEN'S
HOSPITAL
CARDIOVASCULAR MEDICINE

Magna Cum Laude



Cum Laude



THE WALL CENTER
PULMONARY VASCULAR DISEASE
@STANFORD

Contributor



Exhibitors



Quantifying Cell Behavior

There is a new Research Topic titled **Brain Arteriovenous Malformations: Cerebrovasculature Behaving Badly**, in the journal *Frontiers in Human Neuroscience*, organized by **Richard Daneman**, Marcus Stoodley and **Lori Shoemaker**.

Our goal is to highlight advances in AVM research from the laboratory to the clinic, and to suggest where gaps remain. We also intend to place AVMs in the context of neurovascular development and the complex interactions of cell types within the vasculature and the brain.

We invite high-level original research articles, novel models or imaging methods, focused reviews, hypotheses/theories, and insight/opinion articles. Please consider contributing an article to this topic – it will be a valuable resource for the field. All the details can be found at: <https://www.frontiersin.org/research-topics/30037/brain-arteriovenous-malformations-cerebrovasculature-behaving-badly>

frontiers | Frontiers in Physiology

Novel Adipose Regulation of Vascular Physiology and Cardiovascular Disease

Carolina Restini, Michigan State University, United States
Cameron G McCarthy, University of South Carolina, United States
Jessica Faulkner, Augusta University, United States

Topic Editors

Research Topic now open for submissions

Novel Adipose Regulation of Vascular Physiology and Cardiovascular Disease hosted by Drs. Carolina Restini (Michigan State University), **Cameron G. McCarthy** (University of South Carolina School of Medicine) and Jessica L. Faulkner (Medical College of Georgia at Augusta University).

It is well established that adipose tissue has profound influence on organ function via paracrine and endocrine signaling. Specifically, adipose tissue is able to express and secrete various bioactive molecules (e.g. adipokines). However, depending on the type of fat (brown or white), the organ, and the embryological origin, adipose tissues may diverge in the production/secretion of specific metabolites and how they subsequently affect organ function. Therefore, how adipose tissue contributes to homeostatic vascular physiology and the pathogenesis of cardiovascular disease is far-reaching, as are possible therapeutic targets. In this issue, we aim to bring together a collection of state-of-the-art articles that illustrates this potential and contributes significantly to combating the prevalence and incidence of cardiovascular disease by targeting adipose tissue depots.

Submit your paper here: <https://www.frontiersin.org/research-topics/27566/novel-adipose-regulation-of-vascular-physiology-and-cardiovascular-disease>

Calendar of Events

June 2, 2022	Webinar Featuring Sharon Gerecht and Bria Macklin
June 13-15, 2022	EVBO/ESM online Vascular Biology Summer School
June 23, 2022	InFocus - Vascular Diseases and Therapeutics
June 25 - 26, 2022	Gordon Research Seminar - Understanding Endothelial Cell Diversity: Regulation and Regenerative Potential
June 26 - July 1, 2022	Gordon Research Conference - Understanding Endothelial Cell Diversity: Regulation and Regenerative Potential
June 28, 2022	Symposium: Mechanosensory Transduction
July 9 - 13, 2022	ISTH Congress
July 18- 21, 2022	Vasculata 2022
September 17-20, 2022	12th International Kloster Seeon Meeting "Angiogenesis": Molecular Mechanisms and Functional Interactions
October 13-17, 2022	22nd International Vascular Biology Meeting
October 24 - 27, 2022	Critical Issues in Tumor Microenvironment: Angiogenesis, Metastasis and Immunology

[Visit the NAVBO Calendar of Events for more meetings](#)

Job Postings

Job Title	Company	Location
Assistant, Associate or Full Professor of Cell Biology	University of Virginia	Charlottesville, VA
Postdoctoral fellow	University of Washington	Seattle, WA
Staff scientist position for small animal surgeon	Beth Israel Deaconess Medical Center	Boston, MA
UTSW Postdoctoral Posting	The University of Texas Southwestern	Dallas, TX



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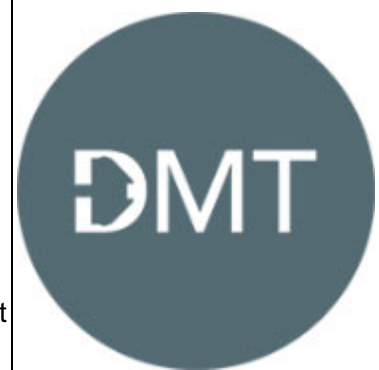
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Quantifying Cell Behavior



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Value from Innovation

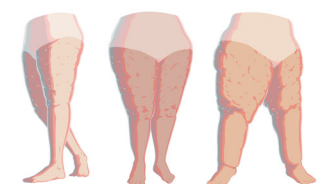
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[Postdoctoral Fellow](#) Oklahoma Medical Research Foundation Oklahoma City, OK

[Postdoctoral fellow](#) Toronto General Research Institute, University Health Network Toronto, ON



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18501 Kingshill Road | Germantown, MD 20874
(301) 760-7745

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