



NewsBEAT

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Florence Sabin Award Recipient



Congratulations to Omolola Eniola-Adefeso!!!

Omolola Eniola-Adefeso has been named the inaugural recipient of the Florence Sabin Award. NAVBO's newest award that recognizes an individual who has made a profound impact in promoting diversity, equity, and inclusion in social issues benefiting underrepresented groups, public health, or public service to the broader community. Th

Dr. Eniola-Adefeso, of the University of Michigan, is the Associate Dean for Graduate & Professional Education, College of Engineering; Professor, Chemical Engineering; Professor, Biomedical Engineering; Professor, Macromolecular Science and Engineering and the Miller Faculty Scholar, College of Engineering.

Join us at the 22nd International Vascular Biology Meeting to congratulate Dr. Eniola-Adefeso at the presentation of her award on Thursday, October 13.

Stephen Schwartz Award Recipient



Richard O. Hynes Named the 2022 Stephen Schwartz Award Recipient

The Stephen Schwartz Award recognizes an individual for their Outstanding Mentorship. The NAVBO Meritorious Awards Committee chose Dr. Hynes, of the Massachusetts Institute of Technology, not only for his mentoring skills but for fostering those skills in his mentees, who themselves have become outstanding mentors in their own right.

Dr. Hynes is the Daniel K. Ludwig Professor for Cancer Research; Intramural Faculty, Koch Institute; Investigator, Howard Hughes Medical Institute. His current work investigates the network of

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Meetings/Events



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



Did you know?



You Can Enroll in NAVBO's Mentor Match Program

Go to [NAVBO's Community - the Vascular Network](#) - to enroll as a mentor, mentee or both! The program will match you with a compatible mentee/mentor whether you are seeking a match within your area of expertise, or in balancing work and life, there are willing participants to reach out to.

Become part of this interactive community!

proteins and signaling cells to understand its roles in the spread of cancer throughout the body.

Please join us at the 22nd International Vascular Biology Meeting - Dr. Hynes will be presented with his award on Sunday, October 16.

Embracing DEI in the Scientific Community

PERPECTIVE article
Front. Cardiovasc. Med. 11 April 2022 | <https://doi.org/10.3389/fcvm.2022.863256>

Embracing Diversity, Equity, and Inclusion in the Scientific Community—Viewpoints of the Diversity, Equity, and Inclusion Committee of the North American Vascular Biology Organization

Mahdi Garelnabi^{1,2}, Mitzy Cowdin^{3,4}, Yun Fang^{5,6}, Bandana Shrestha⁷, Masuko Ushio-Fukai^{8,9}, Elena Aikawa¹⁰, Garth Graham¹¹, Grietje Molema¹², Hiromi Yanagisawa¹³ and Masanori Aikawa¹⁴*

¹Diversity, Equity, and Inclusion Committee, North American Vascular Biology Organization (NAVBO), Germantown, MD, United States
²Department of Biomedical and Nutritional Sciences, University of Massachusetts, Lowell, MA, United States
³University of Texas Southwestern Medical Center, Dallas, TX, United States
⁴Section of Pulmonary and Critical Care, Department of Medicine, University of Chicago, Chicago, IL, United States
⁵Medical College of Georgia at Augusta University, Augusta, GA, United States
⁶Wigham and Women's Hospital, Harvard Medical School, Boston, MA, United States
⁷Healthcare and Public Health Partnerships, YouTube and Google Health, Playa Vista, CA, United States
⁸University Medical Center Groningen, Groningen, Netherlands
⁹Ryukyu Science Center for Survival Dynamics, TRISA, University of Tsukuba, Tsukuba, Ibaraki, Japan

Recent increased visibility on racial issues in the United States elicited public outcry and a collective call for action. The social justice movement has facilitated energetic discussions about race, sexual orientation, and various issues of diversity, equity, and inclusion. This article discusses issues faced by people of color that we as scientists can address, as well as challenges faced by women and internationally trained scientists in the scientific community that need immediate attention. Moreover, we highlight various ways to resolve such issues at both institutional and individual levels. Silence and incremental solutions are no longer acceptable to achieving lasting social justice and ensure prosperous societies that work for all.

The NAVBO Diversity, Equity and Inclusion Committee worked diligently to produce this article to offer a perspective on DEI in the scientific community. The article not only discusses racial injustice, but also covers various challenges faced by other groups, including women, LGBTQ+, and internationally-trained scientists. Led by Drs. Masanori Aikawa and Mahdi Garelnabi (former and current chairs of the DEI Committee), members of the NAVBO DEI Committee: Mitzy Cowdin, Yung Fang, Bandana Shrestha, Masuko Ushio-Fukai, Elena Aikawa, Grietje Molema, and Hiromi Yanagisawa collaborated to produce the article. Dr. Garth Graham, Healthcare and Public Health Partnerships, YouTube and Google Health provided invaluable advice as a co-author. In addition, the authors greatly appreciate thoughtful insights and feedback from Dr. Keith Mitchell, Dr. Francine Coston, Dr. Valerie Stone, Ms. Cinamon Blair, and Mr. Stephen John "Jay" Skelton. Enjoy reading the article; we hope you will be inspired.

<https://www.frontiersin.org/articles/10.3389/fcvm.2022.863256/full>

Vasculata 2022!



Registration and abstract submission for Vasculata 2022 is now OPEN!

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

See the full program, featuring a keynote lecture by **Dr. Vicki Bautch** of the University of North Carolina at Chapel Hill, and information on registration and

abstract submission on our web site: <https://navbo.org/vasculata>

Hands-on workshops, scholarships, affordable housing, keynote lecture, networking, posters sessions and more! **Join us this summer!**

Download and post our flyer!

IVBM - Abstract Submission Open!

Over 100 abstracts will be chosen for short talks to be included in the IVBM program, 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 members and postdocs 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**

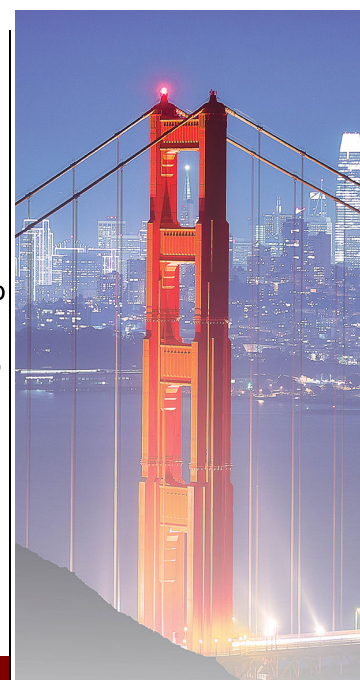
<https://www.ivbm2022.org/registration/>

See the Preliminary Program



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.

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Diamond Level



Gold Level Partner



Event Partners



NAVBO Sponsored Travel Awards

Travel Awards Available to the Gordon Research Conference

NAVBO is once again offering trainee travel awards to the upcoming GRC on "Endothelial Cell Phenotypes in Health and Disease." Applications are due May 31, 2022 and you and your PI must be NAVBO members. Go to <https://www.navbo.org/trainee-awards/>

Travel Awards to the 22nd IVBM

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:

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

Go to <https://www.ivbm2022.org/trainee-opportunities/> for details and to see the growing list of societies.
Deadline to apply is August 1 (same as abstract deadline).

Lessons Learned



Hi Everyone! I'm Jenny Munson and I'm an Associate Professor at the Fralin Biomedical Research Institute at Virginia Tech and in the Department of Biomedical Engineering & Mechanics at Virginia Tech. I'm originally from Marietta, GA and then went to Tulane University and majored in Chemical Engineering and Neuroscience. I worked at Genentech for a year before going to graduate school for Bioengineering at Georgia Tech followed by a postdoc at EPFL in Switzerland. I started my independent faculty career at the University of Virginia in Biomedical Engineering and then

moved to Virginia Tech where I received tenure in 2020. My laboratory is housed at the Fralin Biomedical Research Institute at the Health Sciences Campus of Virginia Tech.

I've been a principal investigator running my own lab in academia for seven years and it's a great job. I get to work with smart, motivated people, indulge my curiosity, and challenge myself to learn something new everyday. I will say I am by no means an expert on the transition from trainee to independent researcher and much of my advice is passed down from those more experienced than me. Hopefully you will find it helpful.

[Read more from Dr. Munson here.](#)

Lab of the Month



 Munson Lab

Lab of the Month - May 2022

The Lab of Dr. Jenny Munson

This month we are highlighting the lab of Dr. Jenny Munson, Associate Professor at Virginia Tech. Find out more about her lab by visiting [her page](#) in our Lab of the Month listing.

Member News

Welcome to our New Members:

Taylor Chavez, Duke University
Sammy El-Mansi, Queen Mary University of London
Fionn Lay, University of Notre Dame
YingYu Lin, Johns Hopkins University/ Duke University
Maxwell Mathias, University of Oklahoma Health Sciences Center
Mara Pitulescu, Max Plack Institute for Molecular Biomedicine Muenster
Sabrina Staples, Robarts Research Institute
Renée Tillie, Maastricht University Medical Center

JCI The Journal of Clinical Investigation

Contributors

Science Advances

AAAS

Participating Societies

Partners

ASIP

American Society for Investigative Pathology



The Japanese Vascular Biology and Medicine Organization



Sponsors



AUSTRALIAN VASCULAR BIOLOGY SOCIETY



INTERNATIONAL SOCIETY FOR Applied Cardiovascular Biology



Guests



BMVBS
British Microcirculation & Vascular Biology Society



Ying Wang, Mayo Clinic, Rochester
Chloe Whitworth, UNC Chapel Hill

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

Spotlight on Trainees

Burroughs Wellcome Fund workshop on career guidance for trainees

The Burroughs Wellcome Fund is hosting a three-day workshop for early career administrators whose work focuses on the career development of PhD scientists. The workshop will focus on developing participants' research evaluation skills while creating new career-focused interventions or activities for use at the participants' home institutions. In the year following the workshop, participants will each develop their research and evaluation networks, run their project with support from a small grant from the Burroughs Wellcome Fund, submit their results for presentation at a national meeting, and produce a rigorously prepared manuscript for publication. [Information on eligibility and application](#) (due May 11, 2022).

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/BecomeAReviewer/ECR>

Questions are welcome – CSRearlycareerreviewer@mail.nih.gov

Recent Member Publications

On vasa vasorum: A history of advances in understanding the vessels of vessels

Science Advances

The vasa vasorum are a vital microvascular network supporting the outer wall of larger blood vessels. Although these dynamic microvessels have been studied for centuries, the importance and impact of their functions in vascular health and disease are not yet fully realized. [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

Annual Neurobiology Prize competition open for applications

The annual Eppendorf & Science Prize for Neurobiology, an international award honoring early-career scientists for their outstanding contributions to neurobiological research based on methods of molecular and cell biology, is open for nominations. The finalists and winner are selected by a committee of independent scientists chaired by Science's Senior Editor, Peter Stern. Researchers who are not older than 35 years are [invited to apply](#). Application deadline is June 15, 2022.

National Academies publishes report on precision medicine

During 2021, a Roundtable on Genomics and Precision Health convened by the National Academies of Sciences, Engineering, and Medicine explored diversity, equity, inclusion, and justice in the genetics and genomics workforce, in a quest for creative ways facilitate adoption of genomics-based tools in clinical care. As part of the strategic plan adopted in 2020, the work of the Roundtable centered on four areas: Innovation, Dialogue, Equity, and Adoption. A 2021 report summarizing the activities of the Roundtable is [available here](#).

News from the National Center for Advancing Translational Sciences

Writing in her [Director's Corner](#), Acting NCATS Director Joni Rutter discusses potential therapies, tools, and technologies that could lead to more treatments for more people. Dr. Rutter asserts that a worthy goal for the decade ahead is to have treatments in the pipeline for 25% of known human diseases by 2032 — a fivefold increase over what is currently available. Cutting edge investigational tools, including Artificial Intelligence/Machine Learning, gene therapy, 3D bioprinting, informatics, and tissue chips, are envisioned as key elements to meeting this ambitious goal.



Academic

Suma Cum Laude



BRIGHAM AND WOMEN'S HOSPITAL
CARDIOVASCULAR MEDICINE

Magna Cum Laude



Cum Laude



THE WALL CENTER
PULMONARY VASCULAR DISEASE
@STANFORD

Exhibitors



Quantifying Cell Behavior



VISUAL SONICS



NAVBO
Corporate Partners



Quantifying Cell Behavior



VISUAL SONICS



Miltenyi Biotec

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!

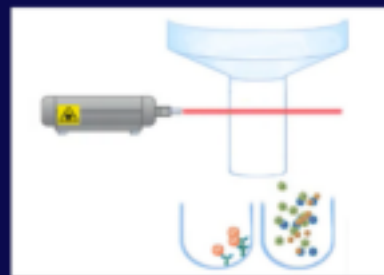
[Learn more . . .](#)

More PRIDE Programs:

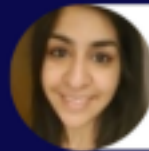
- [Cardiovascular Health-Related Research](#) (SUNY Downstate Health Sciences University)
- [Future Faculty of Cardiovascular Sciences](#) (UC San Diego)
- [Research in Implementation Science for Equity](#) (UC San Francisco)

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.](#)

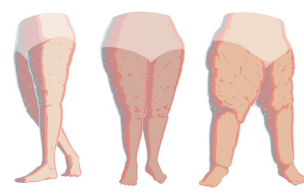
There is a new Research Topic titled **Brain Arteriovenous Malformations: Cerebrovasculature Behaving Badly**, in the journal Frontiers in Human Neuroscience, organized by **Richard Daneman**, Marcus Stoodley and **Lori Shoemaker**.

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



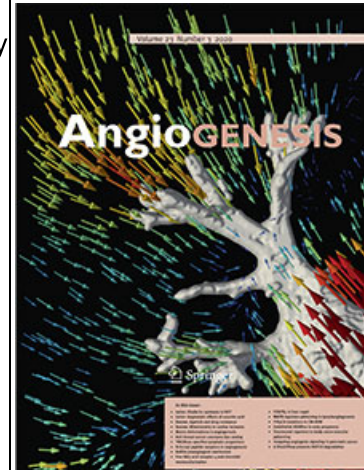
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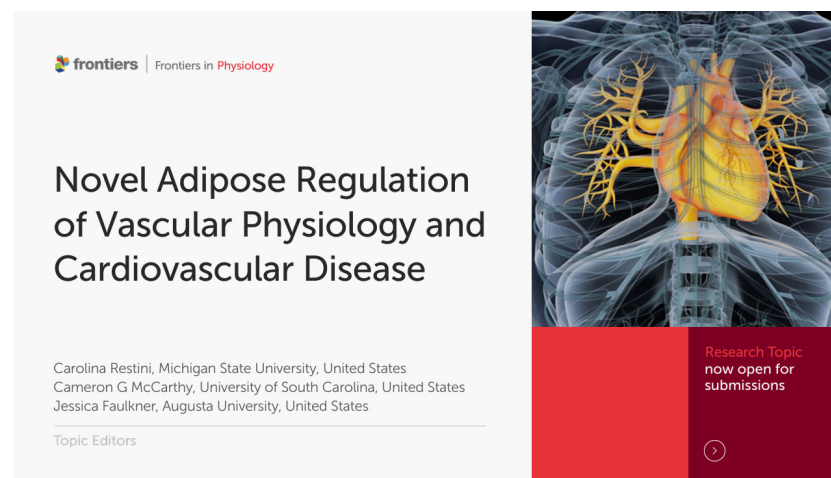


Affiliated Journals



Cardiovascular Pathology





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

May 5, 2022	Webinar Featuring Zhiyu Dai
May 9 -11, 2022	EMBO Workshop on Building Networks: Engineering in Vascular Biology
May 12, 2022	InFocus - Mechanosensing in Endothelial Cells
May 17, 2022	Career Development Forum Part III
May 26, 2022	InFocus - Vascular Remodeling and Hypertension
June 2, 2022	Webinar Featuring Sharon Gerech and Bria Macklin
June 13-15, 2022	EVBO/ESM online Vascular Biology Summer School
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](#)



JLB JOURNAL OF LEUKOCYTE BIOLOGY

JOURNAL OF LEUKOCYTE BIOLOGY
Call for Editor-in-Chief Applications

Job Postings

Job Title	Company	Location
Postdoctoral fellow/Staff Scientist/Research Technician	Oklahoma Medical Research Foundation	Oklahoma City, OK
Postdoctoral fellow	University of Washington	Seattle, WA
Post-doctoral Fellow / Assistant Staff Scientist - Cardiovascular Disease	Oklahoma Medical Research Foundation	Oklahoma City, OK
UTSW Postdoctoral Posting	The University of Texas Southwestern Medical Center	Dallas, TX
Postdoctoral Fellow	Oklahoma Medical Research Foundation	Oklahoma City, OK

Assistant, Associate or Full-Professor in
The Vascular Biology & Therapeutics
Program

Yale University

New Haven, CT

**North American Vascular Biology
Organization**

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