



NewsBEAT

Membership | Events | Awards | Resources



CellBiologics
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Over 500 Abstracts Submitted!

22nd International Vascular Biology Meeting
San Francisco Bay Area • October 13-17, 2022
Oakland Marriott City Center

KEYNOTE SPEAKERS:

CHRISTER BETSHOLTZ, PH.D.
Uppsala University

JEFF BLUESTONE, PH.D.
University of California, San Francisco

STEFANIE DIMMELER, PH.D.
University of Frankfurt

<https://ivbm2022.org>

The program will include almost 100 short talks from selected abstracts - organizers and session co-chairs are reviewing abstracts for selection of short talks. We'll also have 400 posters! Plan to attend!

Early bird discount ends August 31

Register Now!



View the full program at <https://ivbm2022.org/program>

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

Follow the IVBM on Social Media!



NAVBO's Going Back to High School

Engaging High School Students in Vascular Biology – How you can help!

We, in the NAVBO community, can all agree that there is a need to empower and engage the next generations of students with vascular biology basics. This knowledge will enable them to increase their critical thinking, improve their scientific literacy, and promote their perception of cardiovascular health as both necessary and relevant. Yet, this exciting field is minimally touched upon in high school and undergraduate biology textbooks or in online resources. It is a missed opportunity to introduce and stimulate students' interest in vascular biology research where they could potentially identify causes and develop new tools and treatments for vascular disease. The NAVBO Education Committee is trying to fill this gap.

Five years ago, the Education Committee began addressing the need at the high school level. Our initial step was to develop PowerPoint learning modules covering various aspects of basic and clinical vascular biology to provide teachers and students with tools to advance vascular biology learning in the classroom. Our next step is to further develop the material into high quality educational lessons/presentations online tools, and resources. The timing is right; teachers and students have learned the value of online learning. Currently, the committee is looking for suitable extramural funding mechanisms that will enable us to move this project forward. The funding would be used to produce and distribute these learning modules.

This is where we need your input. Please let us know of any resources (funding agencies, foundations, etc.) that could be beneficial in moving our goals forward OR any suggestions as to how we can best disseminate the learning tools, particularly to underserved geographic areas in the United State. If you have an interest in contributing to this project in any capacity, we welcome it. Please contact Sharon DeRosa Smolen (sharon@navbo.org) with your suggestions or interest in helping.

In this issue...

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- HS Educational Program
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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?

We've Improved the Career Center!

Simply log in using your NAVBO login (same one you use to access the Member Portal) and the job board will recognize you as an active member and automatically give you the correct member pricing. If your membership expired, you'll be able to log in, but you will not receive the member pricing. **Renew and save money on your job postings! Post an open position today!**

30-day postings are free for NAVBO members
(a savings of \$200)

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

Lab of the Month



Lab of the Month - August 2022

The Lab of Dr. Zolt Arany

This month we are highlighting the lab of Dr. Zolt Arany, Professor at the University of Pennsylvania. Find out more about his lab by visiting [his page](#) in our Lab of the Month listing.

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>

Member News

Welcome to our New Members:

Vaishnavi Aradhyula, University of Toledo
Keiichi Asano, Icahn School of Medicine at Mount Sinai
Yuhan Bi, Stanford University
Sebastien Bonnet, Quebec Lung and Heart Institute
Nicholas Camarda, Tufts Medical Center
Abhijit Chakraborty, Baylor College of Medicine
Siyuan (Lily) Cheng, Yale University
Crizza Ching, University of Toronto
Zdravka Daneva, University of Virginia
Kira Evitts, University of Washington
Megan Goeckel, Washington University in St. Louis School of Medicine
Yarelis Gonzalez-Vargas, Georgia Tech
Soon-Gook Hong, UCLA
Neil Grimsey, University of Georgia
Yann Grobs, Université Laval
Darshi Hemani, Wayne State University
Jin Hur, Pusan National University
Kyle Jacobs, UC San Francisco
Chen Yuan Kam, Yale University
Nicholas Klug, University of Vermont
Andrew Kuo, Boston Children's Hospital
Jin Li, The University of Chicago
Wenqing Li, UCSD
Chen-wei Liu, University of Arizona College of Medicine
Sophie Maiocchi, University of North Carolina at Chapel Hill
Suravi Majumder, The University of Texas Health Science Centre at Houston
Naseeb Malhi, City of Hope
Ryota Matsuoka, Lerner Research Institute, Cleveland Clinic
Amanda Mauro, Tufts Medical Center
Gavin Mays, Yale University
Beatriz Mercado, Dartmouth College
Anish Mukherjee, University of Chicago
Patricia Nolasco, University of São Paulo
Maria Noterman-Soulinthavong, University of Vermont
Dahlia Perez, Weizmann Institute of Science
Sarah Pfau, Harvard Medical School
Chanele Polenz, University Health Network
Anastasia Sacharidou, UT Southwestern Medical Center
Venkatesh Sampath, Children's Mercy Kansas City
Lea Scherschinski, Barrow Neurological Institute

- 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



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

Alec Schmaier, Beth Israel Deaconess Medical Center
 Junchul Shin, Cleveland Clinic
 Alec Stepanian, Tufts University School of Medicine
 Ian Tamargo, Emory University
 Xiaofang Tang, City of Hope
 Richard Travers, Tufts Medical Center
 Philip Tsao, Stanford University/VA Palo Alto Health Care System
 Edward Valenzuela, San Francisco State University
 Kaylee Wedderburn-Pugh, UCSF
 Jayne Wolfe, Marquette University and Medical College of Wisconsin
 Shichao Wu, Wayne State University
 Michael Yarboro, Vanderbilt University
 Lianghai Zhang, University of Pittsburgh Medical Center
 Zhen Zhou, UTHealth Houston

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

Spotlight on Trainees

National Postdoc Appreciation Week, September 19-23, 2022

The National Postdoctoral Association (NPA) is pleased to announce the thirteenth celebration of [National Postdoc Appreciation Week](#). The NPA has sponsored this event since 2009 in recognition of the impactful contributions that postdoctoral scholars make to U.S. research and discovery across multiple disciplines. Institutions nationwide and from other parts of the world can participate by holding local events suited to their setting and circumstances during the week of September 19-23. In 2010, this week was officially recognized by the U.S. House of Representatives. Events seek to create broader awareness of the important role played by postdocs in the scholarly enterprise. This year also will mark the third virtual, multi-institutional NPAW celebration, spawned by the necessity to connect postdocs while the world was interacting largely virtually. Virtual events planned include a special keynote event to kick off NPAW, followed by networking events later in the week. NPA organizers invite [submission of possible program events](#) to open to postdocs from across the world.

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

Early-stage NIH investigator funding on the rise

Writing in the [extramural NEXUS](#), the NIH's Mike Lauer reports an all-time high in the funding of [early-stage investigators \(ESIs\)](#) as first-time PIs on R01-equivalent awards. The 1,513 new ESIs supported via R01 in FY21 surpasses the 1,412 notched in FY20 and crowns the steady growth seen since adoption of [NIH's Next Generation Researchers Initiative \(NGRI\)](#) five years ago. This effort has sought to address longstanding challenges faced by researchers trying to launch and sustain independent research careers, and to take steps to promote the growth, stability and diversity of the biomedical research workforce.

OHRP plans New Frontiers in Human Subjects Research conference in September

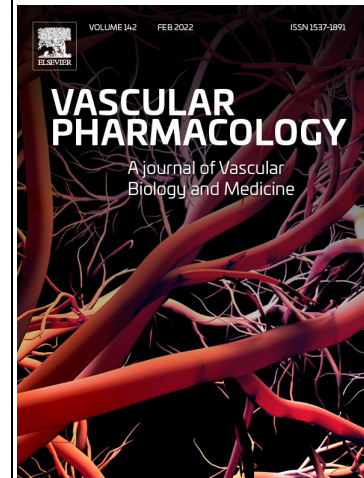
The NIH's Office for Human Research Protections, in conjunction with Indiana University, is organizing a [Research Community Forum](#) on a variety of aspects of human subjects research, September 20-21, 2022, in suburban Indianapolis. The conference will feature keynote, plenary, and breakout sessions addressing challenges facing human research protection programs, including an exploration of the IRB's role in promoting diversity, equity, and inclusion in research, ethical challenges in review of AI research, and the institution's role in handling detrimental research practices.

NIH Common Fund ideas sought

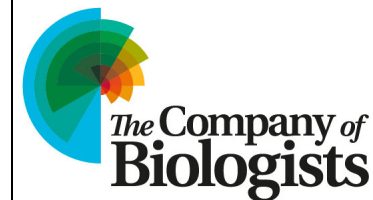
The Office of Strategic Coordination at the NIH has issued [NOT-RM-22-016](#), inviting the submission of new [Common Fund](#) ideas that fit one of the Fund's designated categories (Transformational Science and Discovery; Catalytic Data Resources; Re-engineering the Research Enterprise). A small group of submitted ideas (due



Event Partners



Contributors



Participating Societies Partners



The Japanese Vascular Biology and Medicine Organization

September 30, 2022) judged by NIH staff to best meet established criteria and have the highest potential to be selected as Common Fund programs will be provided to senior NIH leaders for further consideration.

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!

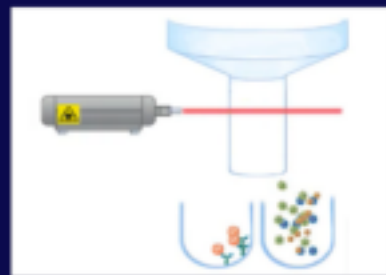
[Learn more . . .](#)

More PRIDE Programs:

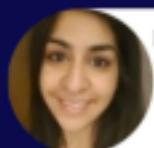
- [Cardiovascular Health-Related Research](#) (SUNY Downstate Health Sciences University)
- [Future Faculty of Cardiovascular Sciences](#) (UC San Diego)
- [Research in Implementation Science for Equity](#) (UC San Francisco)

Call for Papers/Proposals

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](#)

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.



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BRIGHAM AND WOMEN'S
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Magna Cum Laude

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>



The Lipedema Foundation (LF) announces a request for research proposals, soliciting high quality research from scientists and clinicians around the world. The initial LOI calls for ideas that have the potential to define and diagnose Lipedema. We welcome applicants of all backgrounds and career stages to collaborate with the Lipedema Foundation in our mission to share knowledge, support research, and achieve a future without Lipedema.

For more details please visit <https://www.lipedema.org/rfp2022>

The deadline for LOI receipt is July 20, 2022.

frontiers in Cardiovascular Medicine Impact factor: 6.05

frontiers in Pediatrics Impact factor: 3.418

Molecular Mechanisms Underlying Single Ventricle Defect

Yifei Miao, Cincinnati Children's Hospital Medical Center, United States
Shuyi Nie, Georgia Institute of Technology, United States
Mingtao Zhao, Nationwide Children's Hospital, United States

Topic Editors

Molecular Mechanisms Underlying Single Ventricle Defect hosted by Drs. Yifei Miao (Cincinnati Children's Hospital Medical Center), Shuyi Nie (Georgia Institute of Technology), and Mingtao Zhao (Nationwide Children's Hospital).

Single ventricle defects (SVD) are among the most complex congenital heart problems and manifest as the underdevelopment of one heart chamber and associated valvular structures. We have organized a special issue on **Frontier in Pediatrics and Cardiovascular Medicine** to collect the current progress into understanding the molecular contributions to SVD.

For more information or to submit an abstract, please email us or use this link: <https://www.frontiersin.org/research-topics/37616/molecular-mechanisms-underlying-single-ventricle-defect>



Cum Laude



THE WALL CENTER
PULMONARY VASCULAR DISEASE
@STANFORD

Contributor



Exhibitors



Quantifying Cell Behavior



FLUXION



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Quantifying Cell Behavior



Calendar of Events

August 11, 2022	InFocus - Cardiovascular Disease Highlights from Vasculata
August 23, 2022	Symposium: Mechanisms of Atherosclerosis Regression
August 25, 2022	InFocus - Vascular Signaling and Crosstalk
September 6, 2022	"Integrating Health Equity in Medical Education: the Time is Now" : A DEI Seminar with Dr. Nada Fadul
Sept. 15, 2022	Journal Club - September 15, 2022
Sept. 17 - 20, 2022	12th International Kloster Seeon Meeting "Angiogenesis": Molecular Mechanisms and Functional Interactions
Sept. 28 - Oct. 1, 2022	18th Biennial ISACB Meeting
October 13 - 17, 2022	22nd International Vascular Biology Meeting
October 20, 2022	International Symposium on Retinal and Choroidal Angiogenesis
October 24 - 27, 2022	Critical Issues in Tumor Microenvironment: Angiogenesis, Metastasis and Immunology
Oct. 30 - Nov. 4, 2022	The 2022 Gordon Research Conference on Lymphatics
Jan. 31 - Feb. 3, 2023	VAC 2023

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



TRON

JUNIOR GROUP LEADER (M/F/D)

to establish a Research Group on "Modulating inflammation in cardiovascular disease".

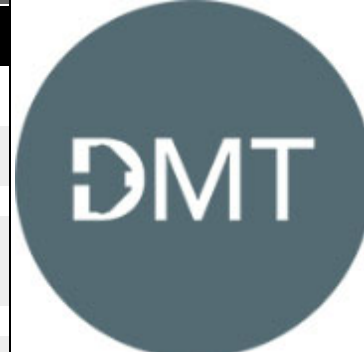
Job Postings

Job Title	Company	Location
Post-Doctoral Fellowship	National Institutes of Health/NICHD	Bethesda, MD
Life Science Research Professional 1 - Laboratory Manager	Stanford University	Stanford, CA
PhD student positions on microprotein research at the Institute for Vascular Signalling	Goethe University	Frankfurt am Main, Germany
Postdoctoral Fellow Position	Cleveland Clinic Lerner Research Institute	Cleveland, OH

North American Vascular Biology Organization
 18501 Kingshill Road | Germantown, MD 20874
 (301) 760-7745

[Mailing Preferences / Unsubscribe](#)

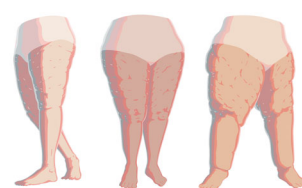
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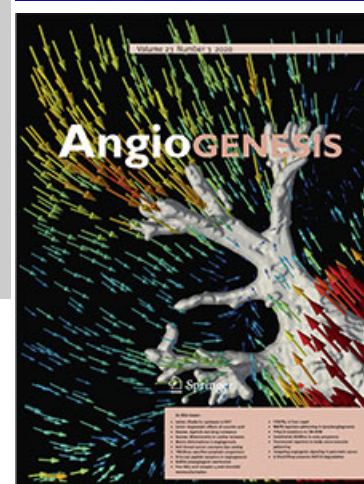
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L I P E D E M A FOUNDATION



Affiliated Journals



Cardiovascular Pathology

