



NewsBEAT

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Top Ten Reads of 2022

The **Top Ten Hit Parade for 2022** includes the **announcements** of the Benditt Award to Dr. Joyce Bischoff, the introduction to our new Mentor Match program, and sadly the passing of David Shima; **Lab of the Month** features from Drs. Good, Lee, Howe and Fish, and Arany; and **Member Publications** by Hanjoong Jo, Georgia Institute of Technology and Emory University; Kristy Red-Horse, Stanford University; and the article by the NAVBO Diversity, Equity and Inclusion Committee.

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Announcements



Earl P. Benditt Award

Joyce Bischoff has been named the 2022 Earl P. Benditt Awardee. Dr. Bischoff will present her lecture entitled, *Three Vignettes on Endothelial Plasticity, Vasculogenesis and Disruption*, at the 22nd International Vascular Biology Meeting on October 13. For more information about Dr. Bischoff and the Earl P. Benditt Award, [go to our web site](#).

Meetings/Events



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

Webinar Series



Did you know?

You can connect with fellow NAVBO members through the Vascular Network Community

Respond to emails that you receive through the NAVBO Vascular Network or visit the site and post questions, comments and start conversations. The NAVBO Mentoring Program is within the Community site, [so visit today!](#)

IVBM 2022 Supporters

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

Grant



Corporate Support
Diamond Level



Gold Level Partner



Loss of David Shima

On Sunday, January 2, 2022, we tragically lost Dave Shima, a brilliant young scientist, friend and colleague. I first came to know Dave in 1991 when he joined my laboratory in the Vascular Biology Program (formerly the Surgical Research Laboratory) at Boston Children's Hospital (BCH) as a PhD student in the Harvard Medical School

Cell and Developmental Biology Program (now the Biological and Biomedical Sciences Program). Dave received his PhD in 1995 with his thesis entitled, "Identification of Vascular Endothelial Growth Factor (VEGF) as an Oxygen-Regulated Mediator of Ocular Angiogenesis".

Dave, myself and our colleagues published a number of impactful papers on VEGF, its expression and regulation as well as VEGF isoforms distribution and their specific functions. He then did postdoctoral work at the Imperial Cancer Research Fund in London with Graham Warren with whom Dave published a series of major papers on Golgi.

Motivation by their longtime friendship and collaborative work on VEGF while at BCH, Dave next joined Tony Adamis at Eyetech Pharmaceuticals where they, along with their associates including Eric Ng with whom Dave had worked while in my lab, brought the first anti-VEGF therapeutic to clinic in the form of Macugen, a VEGF-specific aptamer, which was FDA-approved in December 2004 for the treatment of wet age-related macular degeneration.

Following his tenure at Eyetech, Dave served in leadership positions at a number of biotechnology and pharmaceutical companies including, Jerini Ophthalmic, Inc., Ophthotech Roche, Gyroscope Therapeutics and Re-Vana, while maintaining the position of Rothes Professor at University College London. Dave had an enduring fascination with vascular endothelial cell fenestrations and published novel work on their biogenesis.

Dave was a creative and gifted researcher and leader, a thoughtful and committed mentor, a loyal friend, and a loving and dedicated father to Dylan, Santi and Rafi, and husband to Carolina. His good friend, co-worker, collaborator and mentee Eric Ng has [posted on LinkedIn](#) a wonderful remembrance about his relationship with Dave and has given me permission to share that with the NAVBO readership.

Dave will be greatly missed. He has left a legacy that will extend far beyond his too short life.

Patricia D'Amore

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>

Labs of the Month



Lab of the Month - January 2022 The Lab of Dr. Miranda Good

This month we are highlighting the lab of Dr. Miranda Good, who is an Assistant Professor at Tufts Medical Center. Find out more about Dr. Good's lab by visiting [her page](#) in our Lab of the Month listing.



Lab of the Month - March 2022 The Lab of Dr. Monica Y. Lee

This month we are highlighting the lab of Dr. Monica Y. Lee, who is an Assistant Professor at the University of Illinois at Chicago. Find out more about Dr. Lee's lab by visiting [her page](#) in our Lab of the Month listing.



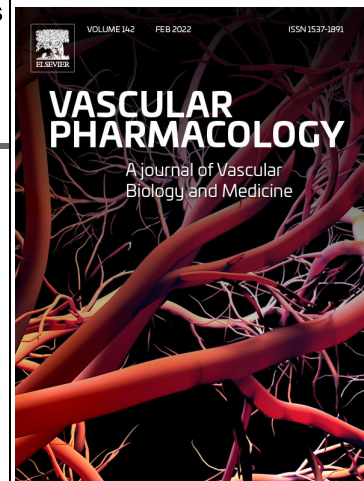
Lab of the Month - April 2022 The Lab of Drs. Kathryn Howe and Jason Fish



Strategic Partners



Event Partners



Contributors



Participating Societies Partners

This month we are highlighting the lab of Dr. Kathryn Howe, who is an Assistant Professor at the University of Toronto and Dr. Jason Fish, Senior Scientist at the University Health Network - Toronto. Find out more about their lab by visiting [their page](#) in our Lab of the Month listing.



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.

Member Publications



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>

Vascular endothelial cell development and diversity

Nature Reviews Cardiology

Vascular endothelial cells form the inner layer of blood vessels where they have a key role in the development and maintenance of the functional circulatory system and provide paracrine support to surrounding non-vascular cells. Technical advances in the past 5 years in single-cell genomics and in in vivo genetic labelling have facilitated greater insights into endothelial cell development, plasticity and heterogeneity.

[Read more](#)

Targeting mechanosensitive endothelial TXNDC5 to stabilize eNOS and reduce atherosclerosis in vivo

Science Advances

Although atherosclerosis preferentially develops at arterial curvatures and bifurcations where disturbed flow (DF) activates endothelium, therapies targeting flow-dependent

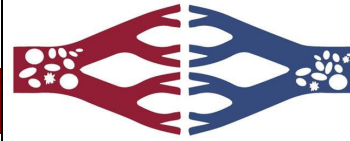
ASIP
 American Society for Investigative Pathology



The Japanese Vascular Biology and Medicine Organization



Sponsors



AUSTRALIAN VASCULAR BIOLOGY SOCIETY



INTERNATIONAL SOCIETY FOR Applied Cardiovascular Biology



Guests



British Microcirculation & Vascular Biology Society



mechanosensing pathways in the vasculature are unavailable.
[Read more](#)

Lymphatic Forum 2023

EXPLORING THE LYMPHATIC CONTINUUM **LYMPHATIC FORUM 2023**

The Banff Center - June 13-17, 2023

The Lymphatic Forum 2023 (LF2023) is the fifth iteration of this biennial event that brings together researchers from around the world to present and discuss studies of lymphatics in health and disease. This year's event will address the significant role and functions of the lymphatic system in the various organs of the human body.

The program revolves around the general theme: The Lymphatic System in Health and Disease – Role of the lymphatics in organ-specific functions and dysfunctions and incorporates general sessions where the lymphatic system will be discussed across organs (Development, Function & Drainage, Cancer & Metastasis, Immunity & Infection) and concurrent sessions where the role of the lymphatics will be addressed in the context of specific organs or tissues (Skin, Lung & Airway, Heart & Vasculature, Liver & Kidney, GI Tract, Brain). Each session will include presentations by invited speakers and short presentations selected from abstracts. For more information and the full program, visit the web site: <http://lymphaticforum.org>

[Register for the meeting here](#)
Early bird deadline is April 10, 2023

[Submit your abstract here](#)
Deadline is March 15, 2023

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

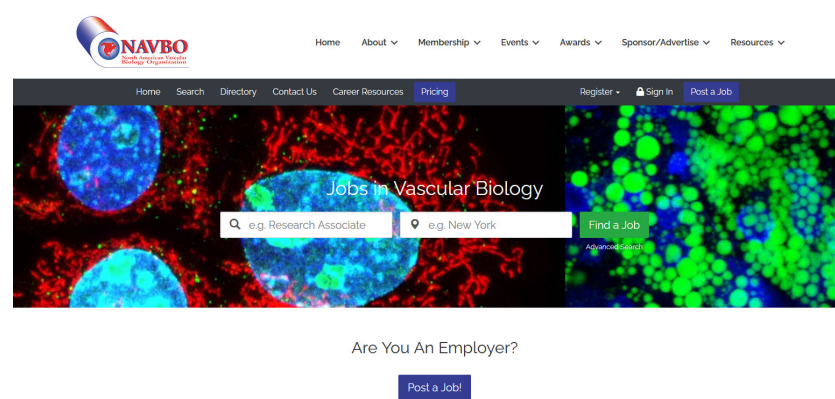
Calendar of Events

January 7 - 8, 2023	First Regional EVSS Conference
January 15 - 20, 2023	Vascular Complexity, Heterogeneity, and Metabolism in Health and Disease
Jan. 31 - Feb. 3, 2023	VAC 2023
February 2023	FASB Short Course - Center for Complex Biological Systems
August 6 - 11, 2023	Gordon Research Conferences 2023 in Biomechanics on Vascular Biology and Disease

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

Job Postings

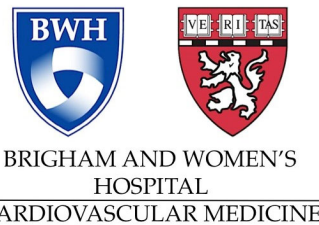
Job Title	Company	Location
Postdoctoral Fellow Position	Johns Hopkins University School of Medicine	Baltimore, MD
Postdoc - Yale University - Vascular or Lung Biology	Yale University School of Medicine	New Haven, CT
Postdoctoral Fellow at Weill Cornell Medicine	Weill Cornell Medical College	New York, NY
Post-doctoral fellow	Emory University	Atlanta, GA
Assistant/Associate/Full - Internal Medicine- Cardiovascular Medicine	Yale School of Medicine	New Haven, CT
Postdoctoral Research Associate	The University of Illinois at Chicago	Chicago, IL



Post an open position today!

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

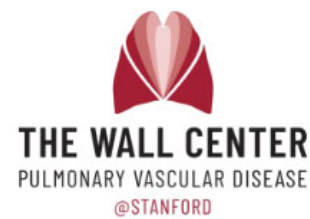
Academic
Summa Cum Laude



Magna Cum Laude



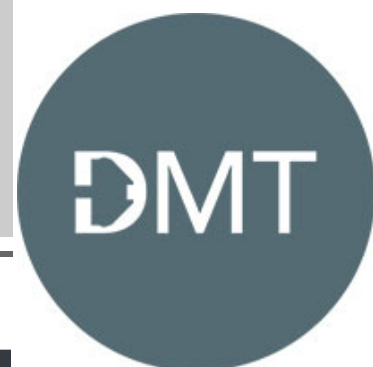
Cum Laude



Contributors



Exhibitors



cells in focus





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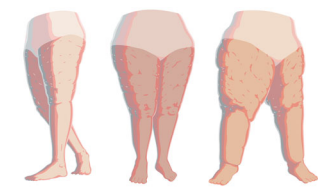
VISUALSONICS



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L I P E D E M A
F O U N D A T I O N



Affiliated Journals



Cardiovascular Pathology

 **frontiers** Impact Factor 6.050
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