

New indexed by Directory of Open Access Journals!  
 JVS-Vascular Science [Read Now!](#)  
 An Official Society for Vascular Surgery® Journal

**NAVBO** NewsBEAT  
 Membership | Events | Awards | Resources

**Cell:Biologics**  
 Endothelial Cells Human & Mouse

### Call for Award Nominations



Florence R. Sabin Award Stephen Schwartz Award

Nominations are now being accepted for these awards through March 15, 2022.

As you know, the Stephen M. Schwartz Award recognizes an outstanding mentor, characterized by our 2021 recipient, Brant Weinstein of NCI/NIH. Current and prior trainees should nominate their mentors.

Our newest award, the Florence Sabin Award, recognizes an individual, like Dr. Sabin, who has championed an underrepresented group. Candidates must have distinguished themselves in at least one of the following areas: promoting diversity, equity, and inclusion in social issues which benefit underrepresented groups, public health, or public service to the broader community, in addition to their scientific/clinical accomplishments.

[Click here for information about nominating a colleague.](#)

### Today's Webinar



Join today's webinar (December 2 at 1:00pmET) featuring Rui Benedito, National Center for Cardiovascular Research in Spain (CNIC), for his talk entitled, "Understanding angiogenesis through multispectral genetic mosaics."

[To register, visit our web site.](#)

### Member Scholarships for Students

NAVBO's **Advancing Young Voices through Diversity and Inclusion Program (AYVDI)** supports diversity and inclusion efforts at the undergraduate and graduate student career stages. To date, this program has supported the trainee membership of 50 students.

We want to continue to 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 the 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, Latin/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.

In order to take advantage of this offer, complete this [application form](#).

Please share this information with your students and colleagues.

### Year-End Giving

Giving Tuesday may have passed (November 30), but your tax deductible contribution to NAVBO will still be appreciated!

Your contribution will be used to support the many educational activities sponsored by NAVBO including online events, scholarships to Vascuata, member scholarships through our AYVDI Program (see above) and trainee travel awards.

To donate, [please click here](#). To choose a level for your contribution, select the appropriate "Sponsorship Opportunity"

NAVBO is a 501(c)3 charitable organization as designated by the IRS

### 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 is an ongoing series and we will connect with more Leaders in the future!

See what these leaders - Patricia D'Amore, Victoria Bautch, Michelle Bendeck, Joyce Bischoff, Jan Klageswki, Shulamit Levenberg, and Robert Mecham - have to say about the following questions:

**How to determine the right balance of technical personnel (continuity, memory, cost) and trainees (mentoring, time), i.e., permanent vs. transient personnel? [Read their responses ...](#)**

**What do you do for fun and how do you make time for fun? [Get some great ideas, read on ...](#)**

**Seeking Research for Summary**

- In this issue...
- Call for Award Nominations
  - Webinars
  - Scholarships for Students
  - Year-End Giving
  - Leaders Lessons
  - Symposium Proposals
  - Summer Program
  - Member News
  - Spotlight on Trainees
  - Member Publications
  - Industry News
  - Call for Abstracts/Papers
  - Calendar of Events
  - Job Postings

### Meetings/Events

**Webinars** - 1st Thursday  
**Focus Sessions** - 2nd and 4th Thursdays  
**Journal Clubs** - 3rd Thursdays  
**Special Sessions** on Tuesdays (check schedule)



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



### Corporate Partners

### Corporate Members



and remodeling to form complex vascular beds under flow, as well as consideration of future prospects for the organ-on-a-chip approach in specific disease modeling and tissue regeneration.

#### Will Type 1 Diabetes yield to the therapeutic promise of stem cells?

**Siba Kolata reports** in The New York Times the promising results of an experimental Type 1 Diabetes treatment that uses human stem cells differentiated to release insulin in a glucose-dependent manner. The cells, developed in the lab of Doug Melton and advanced to early clinical trial in collaboration with Vertex Pharmaceuticals, are potential alternatives to pancreas or islet transplantation as a long-lasting solution insulin deficiency. Melton's lab labored for 20+ years to hit upon the induction cocktail that would drive beta islet cell differentiation. As in conventional organ transplantation, chronic immune suppression will be needed, but patients may see this as a winning trade-off for constant monitoring of blood glucose and insulin administration.

#### Call for Papers

##### Emerging Methods in Profiling Endothelial Cells at Single-Cell Resolution



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 Bauman Chen** (2020 Springer Junior Investigator Award winner) and **Dr. Naseeb Kaur Malhi** at City of Hope! For more information or to submit an abstract, please email [zhenchen@coh.org](mailto:zhenchen@coh.org) or [follow this link](#).



#### Extracellular Vesicles in Cardiovascular Inflammation and Calcification

Topic Editors: Jona Benjamin Krohn, Elena Akawa, Masanori Akawa, Susmita Sahoo, Joshua D Hutcheson and Jason E. Fish

Submission Deadline: 12/31/2021  
**This research topic is sponsored by NAVBO**

[Visit the site for more information](#)



#### Lymphatic System: Organ Specific Functions in Health and Disease

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

The journal Frontiers in Cell and Developmental Biology has launched a new Research Topic on "Lymphatic System: Organ Specific Functions in Health and Disease" to feature the cellular and molecular mechanisms that govern the formation and regulation of lymphatic vascular heterogeneity in different organs/tissues. This Research Topic will be edited by Dr. Tsutomu Kume (Northwestern University, USA), Dr. Young-Kwon Hong (University of Southern California, USA), Dr. Zoltán Jakus (Semmelweis University Budapest, Hungary) and Dr. Kaska Koltowska (Uppsala University, Sweden).

The intent of the Research Topic is to enhance understanding of organ-specific lymphatic functions in health and disease. The scope of the Research Topic is to focus on recent and novel advances in lymphatic vascular heterogeneity and organ-specific lymphatic functions with an emphasis on cellular and molecular processes. We welcome original research, reviews, and opinion articles, falling under, but not limited to, the following areas:

- Organ-specific lymphatic cell identity and origin
- Lymphatic vessel morphogenesis in different organs
- Organ-specific lymphatic function
- Impaired organ-specific lymphatic function in pathological processes
- Signaling pathways under physiological and pathological conditions
- Cell-cell communication
- Organotypic chemokines and cytokines
- Organ-specific modulation of immune responses

Deadline for abstract: January 15, 2022  
Deadline for manuscript: May 21, 2022

[Visit this website for more information.](#)

#### Calendar of Events

December 2, 2021	<b>Webinar Featuring Rui Benedito:</b> Understanding angiogenesis through multispectral genetic mosaics
December 8, 2021	<b>Victor J. Dzau Distinguished Lecture in Cardiovascular Medicine</b>
December 9, 2021	Focus Session - Vascular Injury and Repair
January 6, 2022	<b>Webinar Featuring Karthik Suresh:</b> Mitochondrial ROS-induced Ca <sup>2+</sup> influx and microvascular endothelial cell dysfunction in pulmonary arterial hypertension (PAH)
January 13, 2022	Focus Session - Defects in Endothelial Cell Development
March 18-19, 2022	4th Annual Gulf Coast Vascular Research Consortium

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



Job Postings