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Vascular Biology 2021

Registration is Open!

Register for the in-person meeting, which includes access to all virtual aspects of the meeting or register for just the virtual sessions (lectures, ePosters and virtual poster sessions).

[Register](#)

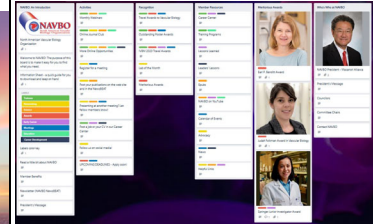
And submit an abstract by August 1. We will be accepting abstracts for in-person posters and short talks as well as ePosters. In addition, we will be holding Virtual Poster Sessions. [Find out more on our web site.](#)

[Submit an Abstract](#)

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NAVBO Quick Overview



Meetings/Events



Plan to join us from October 24-28, 2021 at the Asilomar Conference Center in Monterey, California! **Vascular Biology 2021** will feature the Developmental Vascular Biology & Genetics and the Vascular Matrix Biology & Bioengineering Workshops. [See the program on our web site.](#)

- Webinars** - 1st Thursday
- Focus Sessions** - 2nd and 4th Thursdays
- Journal Clubs** - 3rd Thursdays
- Special Sessions** on Tuesdays ([check schedule](#))
- Download the NAVBO Events App from the App stores

Travel Awards Available for Trainees

4TH ANNUAL MEETING
Gulf Coast Vascular Research Consortium
 Travel Awards sponsored by NAVBO



SHREVEPORT CONVENTION CENTER
 September 24th & 25th, 2021

Abstract Deadline August 20, 2021
 Registration Deadline September 3, 2021
 Website <http://lsuhsc.edu/qvic>

Clinical and Basic Science Poster Awards

Highlighting Vascular Disease And Remodeling





Register Now!

Journal Club

Join us on June 17 for our next Journal Club

TENTATIVE SCHEDULE

September 24th

- 9 AM – 12 PM Scientific Session I
- 1:30 PM – 5 PM Scientific Session II
- 5 PM – 7 PM Poster Session

September 25th

9 AM – 12 PM Scientific Session III

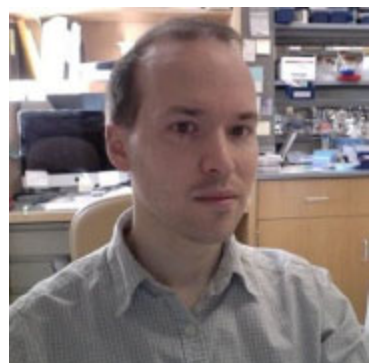


Next Focus Session

Our next Focus Session, focuses on **Vascular Inflammation** on July 22 at 1:00pmET. [Register here.](#)

NAVBO Focus Sessions highlight early stage investigators and are free to all.

Upcoming Symposia



Université de Montréal

Retinal and Choroidal Angiogenesis: Advances in Fundamental and Clinical research

Tuesday, July 20, 2021 from 10:00am-11:30amET
Organized by **Bruno Larrivee**,

NAVBO North American Vascular Biology Organization
Symposium
Tuesday July 20th, 2021, at 10:00 AM ET
"Retinal and Choroidal Angiogenesis"

Dr. Srinivas Sadda
University of California Los Angeles
"Choriocapillaris in AMD: Insights into Pathophysiology Revealed by OCT-A"

Dr. Gerard Luttj
Johns Hopkins University
"Choriocapillaris dropout in neovascular degeneration and its consequences"

Dr. Tatiana Byzova
Lerner Research Institute
"Retinal vascularization and tissue stiffness"

Organized by Bruno Larrivee, Sylvain Chemtob, Mike Sapiha and Isabelle Hardy
Supported by the NAVBO Online Programming Committee

@vascularbiology Register online:
<http://www.navbo.org/events/calendar/1008-july2021>



Shaping Cell Behavior

New Date! Will now take place on Tuesday, August 17, 2021 from 11:00am - 12:30pmET
Organized by **Katie Bentley**, The Francis Crick Institute



Partial EndMT in Cardiovascular Disease

Tuesday, September 21 from 1:00pm-2:30pmET
Organized by **Joyce Bischoff**, Harvard Medical School

Online Symposia and Focus Sessions are Sponsored by the NAVBO Online Program Committee

Upcoming Webinar

Join us on August 12, 2021 at 1:00PM ET for our webinar "Elucidating the mechanisms underlying maternal vascular adaptation to pregnancy" with **Dr. Ramon Lorca**, of University of Colorado Anschutz Medical Campus. [More information is on our web site.](#)

Look for more webinars and bookmark this [page on our web site](#)



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



Webinar Series



Corporate Partners



Quantifying Cell Behavior



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for more exciting 2021 webinars.



Lessons Learned



Dear Colleagues,

Thank you for this opportunity to share some of the lessons that I've learned as a new PI and Assistant Professor at Tufts Medical Center (TMC). My lab pursues questions related to the vascular biology of pregnancy. Much of our work focuses specifically on the placenta, which is a highly vascularized organ that forms de novo with each pregnancy and mediates the transport of nutrients, oxygen, and waste between the

maternal and fetal circulations. Normal placental vascular development is essential for fetal growth and development, as well as maternal cardiovascular health during pregnancy.

Here are more excerpts from Mary's Lessons Learned: [read the whole piece on our web site.](#)

My lab is located in the Mother Infant Research Institute (MIRI) at TMC. The MIRI is a truly unique department which brings together basic, translational, and clinical scientists who study all aspects of pregnancy health and pregnancy outcomes, ranging from prepregnancy maternal metabolism in Dr. Patrick Catalano's Lab to neonatal salivary diagnostics in Dr. Jill Maron's Lab. Within the wider Tufts Health Sciences Campus community, I'm also a member of the Molecular Cardiology Research Institute (MCRI), the Cell, Molecular and Developmental Biology graduate program, the Pharmaceuticals and Drug Design graduate program, and Tufts University School of Medicine Ob/Gyn. If you want to learn more about any of these programs, please reach out – I would be happy to hear from you!

Leading a lab during the pandemic has been an unprecedented and uniquely challenging experience. So, what lessons have I learned in these first three years?

First, I've learned that my lab members, colleagues, and collaborators are amazing individuals who are capable of braving unimaginable adversity and persisting.

Second, I've learned that mentors who are truly inspired by science and driven to support others are absolutely priceless.

I was so fortunate to be able to learn from many great minds in addition to Ceci [Giachelli] through training grants and local events, such as Dr. David Dichek who co-mentored me through an appointment on his training grant, Dr. Michael Chin, Dr. Mark Majesky, Dr. Chuck Murray, Dr. Ying Zheng, and of course the late Dr. Stephen M. Schwartz. I can't tell you how many times during this last year I thought back to Steve's encouraging and inspirational words. Steve supported my research vision and lauded my creativity and commitment; I will forever be grateful for his encouragement, as well as ALL of the seemingly random intriguing scientific questions that he would pose through an impromptu phone call, philosophical questions at a student seminar, or even at local political activism events. The main lesson here is twofold: to trainees I recommend that you ask many questions and try to listen with clarity. Years later you might find unexpected utility in advice given to you long ago. Conversely, PIs should remind ourselves to take time to reflect on the unique and expansive impact that our words can have.

Finally, I've learned that each person's perspective and personal journey is unique.

Sincerely,
Mary Wallingford

[Read more Lesson's Learned on our web site.](#)

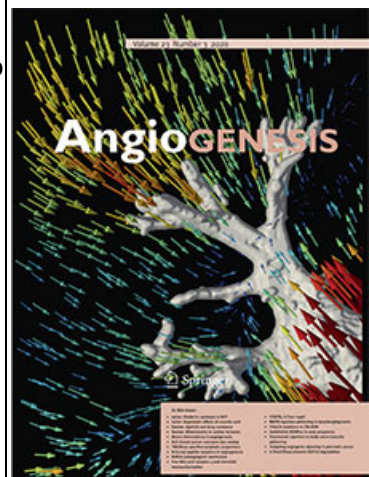
Lab of the Month



VB20 Guest Societies

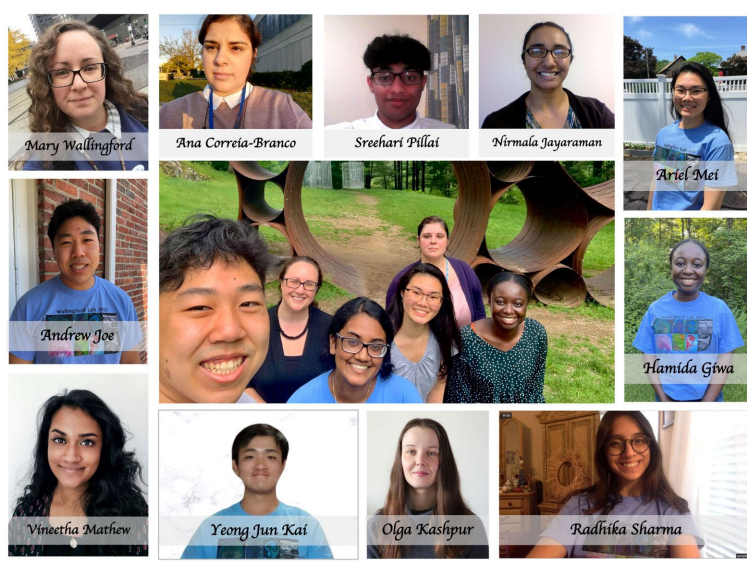


Affiliated Journals



Cardiovascular
Pathology





Lab of the Month - July 2021

The Lab of Dr. Mary Wallingford

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

Member News

Welcome to our New Members:

Negar Khosraviani, University Health Network
 Momoka Kobayashi, Brown University
 Madhav Subramanian, Washington University in St. Louis

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



Spotlight on Trainees



Applications for 2021 Science & SciLifeLab Prize Now Open

The Science & SciLifeLab [Prize for Young Scientists](#) is now open for application by entrants who received their doctoral degree between 1/1/19 and 12/31/20. This annual prize is awarded in four categories: Cell and Molecular Biology, Ecology and Environment, Molecular Medicine, and Genomics, Proteomics and Systems Biology Approaches. Applicants submit a 1000-word essay that is judged by an independent editorial team organized by the journal Science. Essays are judged on the quality of research and the applicants' ability to articulate how their work would contribute to their scientific field. Winners will have their essays published by Science, receive up to \$30,000, and be invited to Sweden to present their research and meet with other leading scientists. Application deadline is July 15, 2021.

(originally published in our July 1 issue)

Recent Member Publications

An adventitial painting modality of local drug delivery to abate intimal hyperplasia

Biomaterials

A major medical problem is the persistent lack of approved therapeutic methods to prevent postoperative intimal hyperplasia (IH) which leads to high-rate failure of open vascular reconstructions such as bypass grafting. Hydrogel has been widely used in preclinical trials for perivascular drug administration to mitigate postoperative IH. [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

Changes to NIH Biosketch Guidelines

The NIH has announced changes to the Biographical Sketch and Other Support Format Page for grant applications due on or after

May 25, 2021. As described in [NOT-OD-21-073](#), the NIH is endeavoring to align the Biosketch, Other Support format page and Application Form Instructions with the guidance issued by the Office of Science and Technology Policy Joint Committee on the Research Environment. These efforts aim to support strong collaboration between Federal research agencies. Application forms and instructions have been updated to support the need for applicants and recipients to provide full transparency and disclosure of all research activities, foreign and domestic.

T32 Training Program for Institutions That Promote Diversity

Funding opportunity announcement [RFA-HL-22-001](#) from the NHLBI renews the institute's encouragement of the participation of individuals from from groups that are nationally underrepresented in cardiovascular, pulmonary, hematologic and sleep disorders research across the career development continuum by providing support to institutions that promote diversity. In the view of federal sponsors, these institutions are uniquely positioned to engage minority and other health disparity populations in research, translation, and implementation of research advances that impact health outcomes, as well as provide health care for these populations. The NHLBI efforts reflect the [NIH's commitment](#) to addressing structural racism in the biomedical research enterprise.

Heart Effects Rare Following mRNA COVID-19 Vaccination

With more than 177 million people in the US have received at least one dose of COVID-19 vaccine, the CDC has received upwards of a thousand reports to the [Vaccine Adverse Event Reporting System](#) of cases of inflammation of the heart (myocarditis and pericarditis) happening after vaccination with either the Pfizer-BioNTech or Moderna mRNA COVID-19 vaccine. Confirmed cases have occurred mostly in male adolescents and young adults age 16 years or older. Most patients who received care responded well to treatment and rest and quickly felt better. The CDC notes that getting vaccinated remains the best way to help protect from COVID-19.

(originally published in our July 1 issue)

Call for Abstracts - JoVE

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

JOVE | Methods Collections

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](#).

Calendar of Events

July 20, 2021	NAVBO Symposium: Retinal and Choroidal Angiogenesis: Advances in Fundamental and Clinical Research
August 12, 2021	Elucidating the Mechanisms Underlying Maternal Vascular Adaptation to Pregnancy
August 17, 2021	NAVBO Symposium: Shaping Cell Behavior
October 24 - 28, 2021	Vascular Biology 2021
October 24 - 27, 2021	ISA 2021
October 28 & 29, 2021	International Scientific Meeting for PIK3CA Related Conditions
November 1 - 4, 2021	36th Annual Critical Issues in Tumor Microenvironment: Angiogenesis, Metastasis and Immunology

Job Postings

Job Title	Company	Location
Postdoctoral fellow in vascular regeneration at University of Toronto/UHN	Toronto General Research Institute, University Health Network	Toronto, ON
Postdoctoral Fellow	Rutgers University	Newark, NJ
Research Assistant	Weill Cornell Medicine	New York, NY
Postdoctoral Fellow in Vascular Biology and Immunology	University of Pennsylvania	Philadelphia, PA

Research Technician	Northwestern University	Chicago, IL
Postdoctoral Fellow	University of Washington	Seattle, WA

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