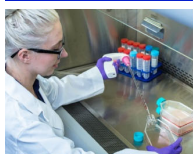




NewsBEAT

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Today's Journal Club



Join **Lisandra Vila Ellis** (MD Anderson Cancer Center) today (May 20) at 1:00pm EDT as she presents the paper, "**Lymphoangiocrine signals promote cardiac growth and repair**" by Drs. Xiaolei Liu and Guillermo Oliver, Northwestern University with colleagues from Northwestern (Michael Oxendine-Burns, Wanshu Ma, Hui-Hsuan Kuo, Connor Lantz, Trisha Bansal, Edward Thorp, Paul Burrige), UT Southwestern (Xiaowu Gu, Tamara Terrones, Joachim Herz, Ondine Cleaver), Semmelweis University

(Laszlo Balint, Zoltán Jakus) and Centro Nacional de Investigaciones Cardiovasculares (Ester De la Cruz, Miguel Torres). Review the paper:

<https://www.nature.com/articles/s41586-020-2998-x>

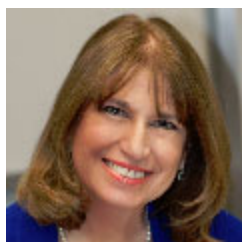
Journal Clubs are organized by the NAVBO Education Committee. **Dr. William Hughes**, Medical College of Wisconsin, will moderate.

Journal Clubs are exclusive to NAVBO members. [Click here to register](#)

Upcoming Webinars



Dr. Irina Petrache, National Jewish Health, will present her talk "Lung Injury Repair by the Pulmonary Microvasculature" in our webinar series on June 3. [Click here for more information and to register.](#)



Our July 1 webinar "Chromatin Remodeling and Gene Regulation in Vascular Homeostasis and Disease" will feature **Dr. Marlene Rabinovitch**, of Stanford University. [More information is on our web site.](#)

Mark your calendars for these webinars. And bookmark this [page on our web site for more exciting 2021 webinars.](#)

Virtual Vasculata 2021

Plan to Attend Vasculata 2021!

Register Now

Affordable registration fees, no travel expenses - there's no reason not to attend!

Featured Workshop:

Innovations in Vascular Imaging

Tissue clearing and light sheet microscopy for quantitative 3D analysis workshop supported by **Miltenyi Biotec**.



Miltenyi Biotec

See the Preliminary Program

Vascular Biology 2021

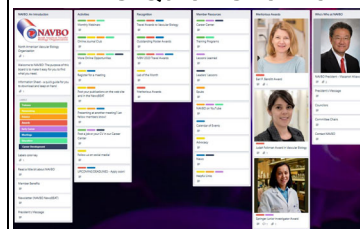
Plan now to submit an abstract for Vascular Biology 2021. We will be accepting abstracts for in-person posters and short talks as well as ePosters. In addition, we will be holding Virtual Poster Sessions. [Find out more on our web site.](#)

[Submit an Abstract](#)

In this issue...

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- [Lessons Learned](#)
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NAVBO Quick Overview



Meetings/Events



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

SAVE THE DATE!

LYMPHATIC FORUM 2021

Exploring the Lymphatic Continuum Virtual Meeting

May 31-June 5, 2021

[Registration open through June 4](#)



Vasculata 2021

Virtual July 13-15

Now Accepting Abstracts
Registration is Open



Vascular Biology 2021
Meet at Asilomar
October 24-28

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. The registration site will be open soon! [See the program on our web site.](#)

Next Week's Focus Session



Focus Sessions

Focusing on Endothelium Heterogeneity



Dr. Zhen Chen
Assistant Professor
City of Hope



Dr. Sanjeeva Metikala
Research Associate
University of South Florida



Dr. Justin P. Van Beusecum
Research Instructor
Vanderbilt University Medical Center



Focusing on Endothelium Heterogeneity



Join us Thursday, May 27 at 1:00pmET

Suppression of endothelial AGO1 promotes adipose tissue browning and improves metabolic dysfunction
Zhen Chen, City of Hope

Intercalation of vascular progenitors into functional blood vessels represents a novel mechanism of vascular growth
Sanjeeva Metikala, University of South Florida

Endothelial cell activation promotes Ax1+Siglec-6+ dendritic cell activation via growth arrest specific 6 in human hypertension
Justin P. Van Beusecum, Vanderbilt University Medical Center

[Register](#)

Lymphatic Forum 2021

EXPLORING THE LYMPHATIC CONTINUUM • VIRTUAL MEETING

LYMPHATIC FORUM 2021

May 31 - June 5, 2021

Registration is open for the Lymphatic Forum through June 4.

Symposium

Human Organoid Systems to Study Vascular Toxicity

Tuesday, June 15, 2021 at 1:00pm

Organized by **Andreas Beyer**, Medical College of Wisconsin

Speakers:
Milica Radisic, University of Toronto
Jonathan W. Song, The Ohio State University
Lee Esak, Cornell University
Jane Terwood, MCW
Zsolt Bagi, Augusta University



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



Webinar Series



Journal Club

Join us on May 20 for our next Journal Club reviewing the paper,

Lymphoangiocrine signals promote cardiac growth and repair.

Registration information is above

Corporate Partners



Quantifying Cell Behavior



Miltenyi Biotec



Corporate Members

For more information, [click here](#) or click the button to register.

[Register](#)

Online Symposia are Sponsored by the NAVBO Online Program Committee

Lessons Learned



This month's Lessons Learned are from Dr. Carmen Halabi, an Assistant Professor of Pediatrics at Washington University School of Medicine in St. Louis since July 2018. Dr. Halabi believes that despite her 18+ years of higher education (undergraduate, MD/PhD, residency, fellowship/postdoc), starting a laboratory has been one of the most challenging things she has ever done. She shares her thoughts and experiences in her Lessons Learned piece that covers topics such as: a supportive environment is of paramount importance; motivation is more important than skill when hiring people; learning to

delegate when possible in an effort to use time more efficiently; write. write. write; and finally - Don't compare yourself to others (too much); this is a marathon, not a sprint.

[Read her Lessons Learned in its entirety as well as other Lessons Learned on our website.](#)

Lab of the Month



Lab of the Month - May 2021

The Lab of Dr. Carmen Halabi

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

Member News

Welcome to our New Members:

Amir Aghajanian, UNC School of Medicine
Quinn Bonafiglia, University of Toronto
Dominique Boucher, University of Ottawa Heart Institute
Jonah Burke-Kleinman, University of Toronto
Briana Bywaters, Texas A&M University
Jaima DeVries, Johns Hopkins University
Marleen Gloger, Uppsala University
Celine Kong, MD Anderson

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



Recent Member Publications

Synaptotagmin-Like Protein 2a Regulates Angiogenic Lumen Formation via Weibel-Palade Body Apical Secretion of Angiopoietin-2

Arteriosclerosis Thrombosis, and Vascular Biology

Objective: Vascular lumen formation requires the redistribution of intracellular proteins to instruct apicobasal polarity, thereby enforcing maturation of both luminal and basal domains. In the absence of proper apical signaling, lumen formation can be distorted leading to lumen collapse and cessation of blood flow.

[Read more](#)



VB2020 Supporters



VB20 Guest Societies



Affiliated Journals



Cardiovascular Pathology



Mitochondrial respiration controls the Prox1-Vegfr3 feedback loop during lymphatic endothelial cell fate specification and maintenance

Science Advances

Recent findings indicate that mitochondrial respiration regulates blood endothelial cell proliferation; however, its role in differentiating lymphatic endothelial cells (LECs) is unknown. We hypothesized that mitochondria could work as a sensor of LECs' metabolic specific needs by determining their functional requirements according to their differentiation status and local tissue microenvironment. [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

White House issues FY2022 discretionary funding request

President Biden has released the White House's [top-line funding recommendations](#) for the fiscal year beginning in October. The recommendations include a \$9B increase (to \$51B) over the NIH's FY21 enactment, with \$6.5B devoted to establishment of the Advanced Research Projects Agency for Health (ARPA-H) to enhance health, lengthen life, and reduce illness and disability. With an initial focus on cancer, diabetes, Alzheimer's, and other diseases, this major investment in Federal research and development seeks to drive transformational innovations in health. Acting OMB Director Shalanda Young notes that "The President believes now is the time to begin reversing this trend...of nearly a decade of budget caps."

Blurring of boundaries between art and science spurred by COVID-19

Writing in [The New York Times](#), UNC-Chapel Hill historian Molly Worthen, while lamenting the widespread absence of the humanities from medical education, paints the coronavirus pandemic as an opportunity to make curricular amends. The sharp scientific focus on vaccine development has paid off in record time, but, according to Dr. Worthen, "...the pandemic is a once-in-a-century crisis that may force health professionals and medical schools to look beyond the traditional tools of modern medicine and think more broadly about how we train doctors to grapple with public health catastrophes." Medical students and more senior trainees alike were pulled from the classroom and clinical rotations, forced to adjust to unfamiliar ways of learning to heal and deal with the suffering of their patients. Could we be on the threshold of a golden age for [medical humanities](#)?

Fauci, Collins to be feted by Research!America

Research!America held its [25th Annual Advocacy Awards](#), recognizing individuals and organizations whose commitment to science, technology, and public health has contributed to societal progress in profoundly important ways. NBC journalist Lester Holt opened the event. President Joe Biden was a last minute guest. Oprah Winfrey joined Anthony Fauci, Director of the NIAID and recipient of the Outstanding Achievement in Public Health Award, for an exclusive interview. Dr. Francis Collins, Director of the National Institutes of Health, contributed remarks and closed the broadcast with a special performance with world-renowned soprano Renée Fleming. This year's event, took place on May 13, 2021, and was a virtual event, open to the public, and free of charge. [Click here to access the recording.](#)

(originally published in our May 6 issue)

Calendar of Events

May 31 - June 5, 2021 [Lymphatic Forum 2021](#)

June 3, 2021 [Lung injury repair by the pulmonary microvasculature](#)

June 15, 2021 [Human Organoid Systems to Study Vascular Toxicity](#)

July 13 - 15, 2021 [Vasculata 2021](#)

October 24 - 28, 2021 [Vascular Biology 2021](#)

October 24 - 27, 2021 [ISA 2021](#)

November 1 - 4, 2021 [36th Annual Critical Issues in Tumor Microenvironment: Angiogenesis, Metastasis and Immunology](#)

Job Postings

Job Title	Company	Location
Research Biologist	Brown University/ PVAMC	Providence, RI
Postdoctoral Scholar	Case Western Reserve University	Cleveland, OH
4 Junior Group Leader Positions in Angioscience and Cardioscience	Heidelberg University	Mannheim & Heidelberg, Germany
Research Associate	University of Virginia	Charlottesville, VA

Postdoctoral Fellow in Translational Genetics	University of California, San Francisco	San Francisco, CA
Postdoctoral Fellowship in Lymphatic Vascular Biology	University of South Florida	Tampa, FL
Postdoctoral Position in Tumor Immunity/Vascular Biology Research	Johns Hopkins University	St. Petersburg, FL
Postdoctoral positions in Translational Cancer Research	University of Helsinki	Helsinki, Uusimaa, Finland
Postdoctoral Fellow in Vascular Cell Signaling	LSU Health Sciences Center - Shreveport	Shreveport, LA
Postdoctoral Fellow in Vascular Biology and Immunology	University of Pennsylvania	Philadelphia, PA

North American Vascular Biology Organization

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