



## North American Vascular Biology Organization - eNews

18501 Kingshill Road, Germantown, MD 20874-2211

Vol 17 #2

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### OPEN POSITIONS

**Postdoctoral Fellows**  
**Bo Liu**  
 University of Wisconsin,  
 Madison

**Michael Simons,**  
 Yale University

**Faculty**  
**William R. Huckle,**  
 Virginia Tech

**W. Robert Taylor,**  
 Emory University

More open positions can be  
 found at our  
[Career Center](#)

### COMMITTEES

**Join the Web Site Committee**  
 We'd like to see some of our  
 Trainee Members join the NAVBO  
 Web Site/Technology Committee.  
 If interested, please contact,  
[Dave Milstone](#), Committee Chair.

### MEETINGS

**Vasculata**  
**July 26-29, 2011**  
**Atlanta, GA**  
 Go to [www.navbo.org/event/Vasculata](http://www.navbo.org/event/Vasculata)  
**Abstract deadline: June 30**  
 (extended)  
**Workshop Registration:**

### President's Message

This year we have made several strides to improve the value of NAVBO membership. During these difficult times where limited dollars are available for scientific meetings and membership fees to societies, we have worked hard to continue the excellence of NAVBO workshops and Vasculata making NAVBO the preeminent organization for Vascular Biology. In addition to the upcoming 2011 NAVBO events Vasculata (July 26-29) and Workshops in Vascular Biology (Biology of Signaling in the Cardiovascular System and Vascular Matrix Biology and Bioengineering Workshops, October 16-20), we have implemented the NAVBO Research Accelerator as a mechanism to facilitate collaborations in Vascular Biology. In addition, we have begun to organize IVBO (International Vascular Biology Organizations) as a consortium of vascular biologists from several international locales, to date including the US, Canada, Japan, Australia and Europe. I hope that as Research Accelerator and IVBO grow, they will distinguish NAVBO and improve research and collaboration amongst vascular biologists.

As this year of being NAVBO president is coming to an end, I am humbled and proud to have worked with such great colleagues on the NAVBO Council. Considering how busy everyone is with their "day jobs," the Councilors are always willing and available for advice and insights. In particular, I would like to thank Councilors George Davis and Heidi Stuhlmann, Secretary/Treasurer Martin Schwartz and Past President Brant Weinstein for all their support and unending commitment to the success of NAVBO. I would also like to welcome Tim Hla as the new NAVBO President. Tim is a great scientist and has been highly committed to the advancement of NAVBO. Tim has served as a NAVBO Councilor, Secretary/Treasurer and a member of the Meritorious Awards Committee. He is also a co-organizer of the Signaling Workshop. I can think of no better person to carry on the Presidential torch for the next year and wish him well.

I would like to thank Bernadette Englert for her tireless commitment to NAVBO. We are so lucky to have her on our team, and her passion energizes all the NAVBO officers. Finally, I would like to thank you for giving me the opportunity to serve this great organization. It has been personally rewarding, and I look to seeing you at the Fall Workshops.  
*William C. Sessa, Ph.D.*

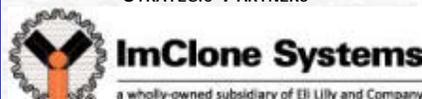
**Special Thanks**  
*to the organizations that are supporting our meeting through educational grants:*

#### GOLD LEVEL SUPPORT



**Medtronic**  
 Medtronic CardioVascular

#### STRATEGIC PARTNERS



For further information concerning Lilly grant funding visit [www.lillygrantoffice.com](http://www.lillygrantoffice.com)



#### EVENT PARTNERS



**Taking Care of Business**  
 I'll be short and sweet this time. I just want to remind everyone to:

**Vote for Council and President-elect** (regular members only)  
**Register for and/or submit an abstract** to our upcoming meetings - see left side bar.

**Take the 2013 Site Poll**  
**"Like" us on Facebook**  
**Join the LinkedIn Group**  
**Follow us on Twitter**

A huge Thank You to the NAVBO

**Regular Members:**  
**Vote for Council by**  
**June 30**

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 Corporate Partners



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**Exhibitors at VB2011**

[Aquatic Habitats](#)  
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**Research Accelerator**  
**Connect**  
**Communicate**  
**Collaborate**

**Quick Poll:**  
**Tell us where to go!**  
**2013 Meeting**

**Paper Recommendations**  
 Members are invited to recommend papers of interest to the rest of the vascular biology community. We ask that you include a brief comment - why was the paper intriguing to you or why is

July 15

Registration open through: July 25

(or if it becomes sold out)

Vasculata is being supported by an educational grant from **Atlanta Clinical & Translational Science Institute**

### NAVBO 2011 Workshops in Vascular Biology

Registration and abstract submission sites are now open for the **Vascular Matrix Biology and Bioengineering Workshop** ([www.navbo.org/event/vmbb](http://www.navbo.org/event/vmbb)) and the **Biology of Signaling in the Cardiovascular System** ([www.navbo.org/event/bscvs](http://www.navbo.org/event/bscvs)) Visit the web sites for full programs!

### NAVBO 2012 Workshops in Vascular Biology

Save the dates - October 14-18, 2012. The Developmental Vascular Biology and the Genetics and Genomics of Vascular Disease Workshops will be held in Monterey at the Asilomar Conference Grounds.

### Current Trends in Vascular Biology Tissue macrophage regulate vascular patterning independently of VEGF

So-called "fixed" vascular and perivascular cells including endothelium, pericytes, vascular smooth muscle and embryonic mesenchyme define the stereotypical anatomic patterns of normal vascular development. Although molecular cues such as VEGF-A form chemotactic gradients that are essential for normal vascular morphogenesis, the leukocytes and other cells that secrete such growth factors were not generally thought to directly specify the anatomic pattern of the resulting vascular system. However, recent evidence demonstrates an unexpectedly precise and intimate spatial and functional association between tissue macrophage and endothelium. These interactions enhance anastomosis, fusion and functional circulation between adjacent angiogenic sprouts and thus contribute to the initial vascular pattern and complexity. Bidirectional signaling between macrophage and endothelium is involved, as are secreted factors distinct from VEGF. A role for direct macrophage-endothelial cell contact has also not been ruled out. Further defining the cellular and molecular mechanisms of these recently discovered interactions may reveal new approaches to modulating patterns of blood vessel formation with important consequences for improving clinical outcomes in pathologic conditions of excess blood vessel formation, ischemia and vascular anomalies. "[read more](#)"

*David Milstone, Ph.D.*

### Vasculata 2012 & 2013

The 2012 Vasculata will be held in Salt Lake City, Utah and will be organized by Drs. Susan Smyth, Kevin Whitehead, and Dean Li. Meeting dates will be announced next month.

Shortly, we will begin our search for the 2013 site for Vasculata. Interested? Two important criteria - comfortable, affordable housing with easy transportation for students and a critical mass of vascular biology faculty members within your geographic area. For more information, go to [www.navbo.org/?VSC2013](http://www.navbo.org/?VSC2013).

Representatives for the wonderful job they are doing. Through their initiatives, Vasculata is already more than half filled, we have already begun to receive abstracts and registrations for the October meeting and our membership numbers are going up! Well done. We have several new Representatives since the last eNewsletter (they are listed below); for the entire list go to: [www.navbo.org/?Reps](http://www.navbo.org/?Reps).

I also want to thank the NAVBO Council for being a great group of people to work with. Especially Councilors Heidi Stuhlmann and George Davis, Secretary/Treasurer Martin Schwartz and our Past President Brant Weinstein (of course, Dr. Weinstein and I will continue to work together on the 2012 meeting) who are all concluding their terms on June 30. It was a pleasure to work with Dr. William Sessa and I hope to work with him on projects in the future.

One last item - we will be revamping our web site over the next few months. So, be on the look out for more news on that! Feel free to contact me with any insights you may have - I welcome your input.

*Bernadette Englert*

### New NAVBO Representatives

**Hellmut Augustin**, University of Heidelberg and German Cancer Research Center  
**Michelle Bendeck**, University of Toronto  
**Todd Camenisch**, University of Arizona  
**Diane Darland**, University of North Dakota  
**James Faber**, University of North Carolina  
**Janos G. Filep**, Maisonneuve-Rosemont Hospital, Montreal  
**Christopher Hughes**, Univ of California, Irvine  
**Calvin Kuo**, Stanford University  
**Brenda Lilly**, Nationwide Children's Research Institute  
**Alisa Morss Clyne**, Drexel University  
**Beth L. Roman**, University of Pittsburgh  
**Rebecca Stockton**, University of California, San Diego  
**Dwight Towler**, Washington University in St. Louis

Please see [www.navbo.org/?Reps](http://www.navbo.org/?Reps) for a full list of our Representatives and their email addresses.

it controversial, etc. For more information and details, go to [www.navbo.org/?recos](http://www.navbo.org/?recos)

Next newsletter will be issued **September 15** - (our printed issue) submit items you would like to have included by August 30

### Recommend Vendors for the Suppliers Directory

Invite your vendors to take advantage of a listing in our [Supplies and Services Directory](#). Simply give them a form ([click here](#)) and have them fax or mail it to the NAVBO Office or forward this link to them: [https://navbo.site-ym.com/store/view\\_product.asp?id=422844](https://navbo.site-ym.com/store/view_product.asp?id=422844).



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