

The Microcirculatory Society, Inc.

Newsletter

Volume 40, Number 2 – Fall 2012



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Officers

President

Michael A. Hill, Ph.D.
HillMi@missouri.edu

President-Elect

Jefferson C. Frisbee, Ph.D.
jeffrisbee@hsc.wvu.edu

Past-President

Matthew A. Boegehold, Ph.D.
mboegehold@hsc.wvu.edu

Secretary

Tara Haas, Ph.D.
thaas@yorku.ca

Treasurer

Alan Stephenson, Ph.D.
stephens@slu.edu

A Note from the President

Greetings for the Thanksgiving and holiday season – hard to believe it is almost upon us. The coming year will be an exciting time for the Society with a number of important scientific meetings on the calendar.

Firstly, there is our annual meeting to be held at EB2013, April 20 – 24th in Boston. The program continues to be developed and some specific details follow later in this newsletter. Importantly, applications are open for a number of our Society Awards. These awards recognize excellence in science, contributions to our area and in some cases support attendance at the meetings. Additional benefits of such awards are that they ultimately can contribute to career advancement and competitiveness in procuring grants/training awards. As you submit your abstracts for the meeting please be sure to use the codes assigned to the MCS (see later in the Newsletter or the EB2013 registration booklet) – this is very important as it provides data to show our strong attendance and participation at the overall meeting. For those interested in smooth muscle (and related topics) the yearly meeting of SMUG (Smooth Muscle Underground Group; www.SMUG2013.com) will be held at the Omni hotel in Boston on the Friday April 19th - the day before EB 2013.

The **second** of these meetings is the International Union of Physiological Sciences (IUPS) to be held in Birmingham, UK July 21 – 26th. IUPS provides an opportunity every four years to showcase your research to your international colleagues.

The **third** is the combined MCS/NAVBO meeting to be held at Cape Cod Massachusetts October 20-24th. The preliminary program/organization for this meeting ensures that it will be a high quality and focused meeting covering many aspects of vascular biology. Importantly, in addition to featured lectures and symposia there will be many opportunities for MCS members of all levels to present at this meeting. Web site details for these meetings (including program information) are given at the end of this newsletter.

As mentioned in the last Newsletter, the journal Microcirculation will be an on-line only publication beginning January of 2013. This is certainly the future of journals and has

been supported by the vast majority of our members. Coincident with this, the Journal is taking on additional international character with the British and Australian /New Zealand Societies adopting it as their official publication. This will further increase the profile of the Journal along with the excellent special topics Dr Jeff Frisbee (Senior Editor) has published and has planned. Another consequence of the extended reach of the Journal has been the need to develop a Publications Committee that has representatives from the various Societies supporting Microcirculation. Details of this committee will be available soon. It should be stated that the publishers, Wiley-Blackwell, have been very supportive of these moves and worked closely with Jeff. They have also been very generous in financial support for the MCS and its initiatives.

I encourage you to pay your dues now for 2013. This can be done online through the MCS website: <http://www.microcirc.org/MEMBER/DuesOnLine.html>.

Please remember to nominate a colleague – or yourself – for one of the several available MCS Executive positions. Nominations deadline is December 3.

Finally, I would like to extend a welcome to our new members and hope to meet you all at EB 2013.

A handwritten signature in cursive script that reads "Mike".

Michael A. Hill, Ph.D.
President, The Microcirculatory Society

Experimental Biology 2013

Preview of Scheduled Events for Saturday April 20:

MCS President's Symposium

Title: "Cellular and Non-Cellular Modes of Communication Across the Blood Vessel Wall"

Speakers:

Kim A. Dora, Ph.D., University of Oxford. *Endothelial – vascular smooth muscle interactions*

Gerald A. Meininger, Ph.D., University of Missouri. *Extracellular matrix protein – vascular cell communication*

Klaus Ley, Ph.D., University of California, San Diego. *Immune cell – vascular cell interactions*

George C. Wellman, Ph.D., University of Vermont. *Neurovascular coupling*

Awards Luncheon – Further details will be provided in Winter Newsletter

MCS Young Investigators Session

As in previous years the MCS will highlight the important research contributions of our Graduate Students and Postdoctoral Fellows via a dedicated Young Investigators Session. The theme of this session for 2013 is "**Signal Transduction-Ion Channels to Signaling Molecules**". Participants will present a brief oral presentation as well as in poster form.

To be considered for the Young Investigators Session:

- check the identification box for Young Investigators on the EB abstract form.
- email a copy of your abstract to Dr Brant Isakson, Chair of the MCS Programming Committee, at bei6n@eservices.virginia.edu.

Preview of Scheduled Events for Sunday April 21:

Landis Award Lecture – *awardee to be announced*

MCS Annual Business Meeting

EB Abstract Submission

NOTE: Deadline to Submit Abstracts is Extended to November 13, 2012

MCS Abstract Categories

Please remember to use MCS session numbers/categories when submitting abstracts to EB2013 to ensure programming within MCS sessions. The categories are as follows:

1035-APS	Angiogenesis/microvascular remodeling/injury & repair
1036-APS	Atherosclerosis/thrombosis/platelets
1037-APS	Inflammation/leukocyte-endothelium interactions
1038-APS	Instrumentation, methodology, and experimental models
1039-APS	Ischemia-reperfusion/free radical biology
1040-APS	Lymphatic and venular function
1041-APS	Microvascular cell signaling pathways
1042-APS	Microvascular development and aging
1043-APS	Microvascular flow regulation/oxygen delivery/networks
1044-APS	Microvascular mechanics/hemodynamics/rheology
1045-APS	Microvascular pathophysiology-pharmacology, therapeutics and translational aspects
1046-APS	Pericytes and Stem Cells
1047-APS	Permeability/fluid & solute exchange/glycocalyx
1048-APS	Tissue-microvessel interactions/extracellular matrix
1049-APS	Vasomotor control: endothelium/smooth muscle/nerves

The Microcirculatory Society Call for Award Nominations/Applications

The Awards Committee of the Microcirculatory Society is now accepting nominations and applications for the following awards:

The Microcirculatory Award for Excellence in Lymphatic Research

The award recognizes meritorious research in the area of lymph, lymphatics or the interstitium and is presented annually to a young investigator within 10 years of completing their PhD or MD. Applications should include (1) a letter describing the applicant's research activities, (2) a manuscript suitable for publication in *Microcirculation* and (3) a current CV. The awardee will receive a certificate and \$500 at the annual business meeting.

The August Krogh Young Investigator Award

The award is presented to encourage excellence in microcirculatory research by new, young investigators. Applicants must be graduate students or young investigators within 3 years of completing their PhD or first MD residency. Applications should include (1) a letter of nomination from a member of the Society, (2) a manuscript suitable for publication in *Microcirculation* and (3) a current CV. Additional letters of support are encouraged. The awardee will receive a certificate and \$1000 at the annual business meeting.

The Microcirculatory Society Travel Award for Outstanding Young Investigator

This award is presented to a young investigator from the United States or Canada toward visits to laboratories outside of North America. Applicants must be within 12 years of completing their PhD or first MD residency. Applications should include (1) an itinerary including laboratories to be visited, (2) a letter describing the benefits of the award to the applicant's career and advancement of microcirculatory research, and (3) a current CV. Additional letters of support are encouraged. The awardee will receive a certificate and \$5000 toward travel expenses associated with the trip. In addition, the recipient will present a brief report of their trip at the next annual meeting.

The John R. Pappenheimer Postdoctoral Travel Awards

These awards are presented to young investigators to encourage their participation in the annual meeting. Applicants must be within 3 years of completing a PhD or first MD residency and have submitted a *first author abstract to one of the Microcirculatory Society sessions at Experimental Biology 2013*. Applicants need not be members of the Society. Applications should include (1) a copy of the submitted abstract and (2) a letter of support from their mentor. The awardee will receive a certificate and \$750 at the annual business meeting. Previous recipients are not eligible to reapply.

The Benjamin Zweifach Graduate Student Travel Awards

These awards are given annually to exceptional young scientists in training to encourage their participation in the annual meeting. Applicants must have submitted a *first author abstract to one of the Microcirculatory Society sessions at Experimental Biology 2013*. Applicants need not be members of the Society. Applications should include (1) a copy of submitted abstract and (2) a letter of support from their supervisor. The awardee will receive a certificate and \$750 at the annual business meeting. Previous recipients are not eligible to reapply.

Additional descriptions and details are available on the Society web page:

http://microcirc.org/ABOUT/MCS_Awards.html

Deadlines for receipt of completed applications and nominations for all awards - December 03, 2012

Send all materials to:

Mariappan Muthuchamy, PhD

Chair, Awards Committee

marim@tamu.edu

Welcome to New MCS Members

Regular Members:

Sangho Kim, National University of Singapore, Singapore

Christopher Pattillo, Louisiana State University Health Science Center

Mattheiu Roustit, Grenoble University Hospital, France

Jasna Twynstra, University of Western Ontario

Student Members:

Kwangseok Hong, University of Missouri

REMINDER – Nominations Notice for MCS Members!

The **Nominations Committee** is now seeking nominees for:
President-Elect, Secretary and Councilors
(2 councilor slots will be filled)

2012-2013 Microcirculatory Society Nomination Ballot

Please provide nominees' names and their contact information.

President-Elect: _____

Complete contact information: _____

Secretary: _____

Complete contact information: _____

Councilors:

(1) _____

Complete contact information: _____

(2) _____

Complete contact information: _____

Note: The deadline for receipt of nominations is: **DECEMBER 3, 2012**

Please Email or Fax nominations to:

Email: thein@tamu.edu, **FAX:** 254-742-7145

Dr. Travis Hein, PhD
Department of Surgery
Texas A&M Health Science Center
702 Southwest H.K. Dodgen Loop
Temple, TX, 76504

Updated – Microcirculatory Society Officers and Executive Council, 2012-2013

Title/Position	Person	Term	Telephone
President	Michael A. Hill	2013	573-884-4601
President-elect	Jefferson C. Frisbee	2013	304-293-6527
Immediate past-president	Matthew A. Boegehold	2012	304-293-5240
Secretary	Tara L. Haas	2013	416 736 2100 x77313
Treasurer	Alan C. Stephenson	2014	314- 977-6454
Councilor	Norman R. Harris	2013	318-675-6028
Councilor	Donald G. Welsh	2013	403-210-3819
Councilor	Shawn E. Bearden	2014	208-282-6269
Councilor	Luis A. Martinez-Lemus	2014	573- 884-0436
Councilor	Mary D. (Molly) McMahon	2015	631-632-1625
Councilor	Brant E. Isakson	2015	434-924-8691

MCS Standing Committees, 2012-2013

Membership Committee		Term	Contact info.
Chair	Anatoliy (Tolya) Gashev	2013	979-845-7481
Member	Luis Martinez-Lemus	2013	573-882-3244
Member	Xiaorui Shi	2013	503-494-7149
Member	Binu Tharakan	2014	254-724-9782
Member	Jay Hoying	2015	502-852-4416
Member	Khalid Matrougui	2015	504-988-2588
Member	Betsy Dokken	2015	520-626-8515

Finance Committee		Term	Contact info.
Chair	Alan C. Stephenson	2015	314- 977-6454
Member	Rolando Rumbaut	2014	713-798-0316
Member	Terrence Sweeney	2013	570-941-7623
Member	Trevor R. Cardinal	2013	805-756-6244

Nominating Committee		Term	Contact info.
Chair	Travis W. Hein	2013	254-845-3689
Member	Mack H. Wu	2013	916-703-0424
Member	Virginia Huxley	2015	573-882-8069
Member	Mary (Molly) McMahon	2015	631-632-1625

Liaison Committee		Term	Contact info.
Chair	Michael Hill (ILC)	2015	573-884-4601
Member	Tara L. Haas	2013	416 736 2100 ext77313
Member	Kim A. Dora (ILC)	2014	+44 1865 281114
Member	Matthew A. Boegehold	2015	304-293-5240
Member	Timothy W. Secomb (ESM)	2015	520-626-4513
Member	William F. Jackson	2015	517-353-5476
Member	Gerald A. Meininger (ILC, USNC for IUPS)	2022	573-882-9662

Long Range Planning Committee

		Term	Contact info.
Chair	Jefferson Frisbee	2013	304-293-6527
Member	Michael A. Hill	2017	573-884-4601
Member	David C. Zawieja	2016	254-231-1500
Member	William F. Jackson	2015	517-353-5476
Member	Steven S. Segal	2014	573-882-2553
Member	Cynthia J. Meininger	2013	254-742-7037

Development Committee

		Term	Contact info.
Chair	Michael A. Hill	2013	573-884-4601
Member	David W. Stepp	2014	706-721-1949
Member	Ivo Torres Filho	2014	804-828-2066
Member	Trevor Cardinal	2015	805-756-6244

Historical Committee

		Term	Contact info.
Chair	Geert W. Schmid-Schonbein	2014	858-534-3852
Member	Robert L. Hester	2014	601-984-1816

Awards Committee

		Term	Contact info.
Chair	Mariappan Muthuchamy	2013	979-847-9251
Member	Jerome W. Breslin	2013	504-568-2669
Member	Randy Sprague	2014	314-977-6400
Member	Karen Stokes	2014	318-675-8420
Member	David A. Rubenstein	2014	405-744-7118
Member	Zhe (Luke) Sun	2014	573-884-2499
Member	Roland Pittman	2015	804-828-9545
Member	Pam Lloyd	2015	405-744-9019

Programs and Meetings Committee

		Term	Contact info.
Chair	Brant E. Isakson	2015	434-924-9039
Member	Pierre-Yves von der Weid	2013	403-220-7967
Member	Melody A. Swartz	2013	011-41 21 693 16 94
Member	Robert W. Brock	2014	304-293-1518
Member	J. Brandon Dixon	2015	404-385-3915
Member	Andreas Beyer	2015	414-456-7514

Publications Committee

		Term	Contact info.
Chair	Johnathan D. Tune	2014	317-274-3433
Member	I. Mark Olfert	2014	304-293-7597
Member	Walter (Lee) Murfee	2015	805-756-6244

Communications Committee

		Term	Contact info.
Chair	Steven J. Miller	2014	317-274-2657
Member	Paul Marvar	2014	404-727-3713
Member	Danielle McLean	2015	203-901-7341
Member	Robert L. Hester	Ongoing	601-984-1816 <i>Web Master</i>

Upcoming Meetings

Experimental Biology and MCS Annual Meeting

Boston, MA

April 20-24, 2013

<http://experimentalbiology.org/EB/pages/default.aspx?splashpage=1>

IUPS 2013

Birmingham, UK

July 21-26, 2013

<http://www.iups2013.org/>

Vascular Biology 2013 -Joint meeting of NAVBO with the Microcirculatory Society

Resort and Conference Center at Hyannis, Cape Cod, MA

October 20-24, 2013

<http://www.navbo.org/events/vb2013>