MESSAGE FROM THE PRESIDENT

In our last NAVBO newsletter I outlined a number of plans and goals for my term as President. I am extremely pleased to report that we have made extensive progress in a number of areas that I will briefly review in this column. In addition, I will outline a number of key challenges that our organization faces, and several proposed initiatives where we would like to have your input.

Plans for the 1999 Vascular Biology (VB)/Experimental Biology (EB) Meeting which will be held Friday, April 16 through Wednesday, April 21, in Washington DC are being finalized. Dr. Mark Majesky and his Program Committee have put together an outstanding scientific program (see enclosed program and the NAVBO Website). The meeting will kick off with a NAVBO business meeting at 4:00 p.m. on Friday, April 16, followed by the traditional Blood Vessel Club. Dr. Mark Taubman has arranged an excellent scientific program for the Blood Vessel Club (see program information), that I am sure you will find extremely exciting. The Vascular Biology Program includes the inaugural Earl P. Benditt Award Lecture that will be held at 11:00 a.m. on Monday, April 19. The first recipient of this prestigious award is Dr. Morris Karnovsky of Harvard Medical School. The VB program includes presentations by well-established leaders in the vascular biology field, but also a number of complementary disciplines such as cardiovascular genomics. The program has also incorporated oral presentations by fellows and postdocs who submitted abstracts. All Vascular Biology symposia and minisymposia, as well as selected Vascular Biology posters will be at the Marriott at Metro Center that will serve as our meeting headquarters. The EB meeting registration fee will allow you to attend all Vascular Biology and Experimental Biology sessions as well as the exhibits. This promises to be an extremely exciting meeting, and I look forward to seeing you in Washington D.C. this spring.

The NAVBO Council and I have been working on plans for the Vascular Biology meetings in the year 2000 and 2001. In contrast to past years, we have elected to make a multi-year decision regarding the venue for the Vascular Biology meetings to help eliminate last minute decisions and to allow more time for planning. We have elected to hold the Vascular Biology 2000 meeting in conjunction with the Atherosclerosis, Thrombosis, and Vascular Biology (ATVB) Sections of the American Heart Association in May, in San Diego. Drs. Paul DiCorleto and Bradford Berk (NAVBO president-elect) will co-chair the Vascular Biology Program Committee for this meeting. We are currently considering several options for the Vascular Biology 2001 meeting. This includes re-joining Experimental Biology in a format similar to that being used this year. Alternatively, we may hold an independent meeting either directly before Experimental Biology as we have done in the past, or at a separate venue. A decision regarding the 2001 meeting will be made later this spring after we have time to assess the outcome of this year’s Vascular Biology/Experimental Biology joint meeting. We would very much appreciate your input regarding the Vascular Biology 99 Meeting, and/or any other comments you might have regarding preferred formats (and venues) for the Vascular Biology Meetings. Please email your comments to our secretary treasurer Dr. Mary Gerritsen (meg@gene.com).

We have also made progress in planning for future International Vascular Biology Meetings (IVBM). In brief, the Japanese Vascular Biology Society has accepted NAVBO’s invitation to replace us as hosts for the 2002 meeting. This was done as a gesture of goodwill to our colleagues in Japan who originally were to host IVBM 2006 but had hoped to host an earlier meeting. This will allow NAVBO additional time for planning for the IVBM meeting in 2004 that will be held in North America. We are still looking for a group to host the IVBM 2004 meeting.
In Memoriam

The vascular biology research community mourns the loss of a major figure in the field of cardiovascular research, Dr. Russell Ross, Professor and Past-Chair of the Department of Pathology at the University of Washington, School of Medicine. He died suddenly on March 18th in Seattle, following surgery for an abdominal malignancy. He was 69 years old.

In an extraordinary career that spanned 4 decades, Dr. Ross led the crusade to understand the cellular and molecular mechanisms of atherosclerotic vascular disease, the leading cause of heart attack and stroke in this country and the industrialized world. His “Response-to-Injury Hypothesis” first detailed in a New England Journal of Medicine article in 1976, provided a conceptual framework for much of the research that has focused on the contributions of vascular cells, endothelium and smooth muscle, and their interactions with monocyte-macrophages, in the initiation and progression of atherosclerotic lesions. His early work focused on the identification and characterization of the platelet-derived growth factor as a key mediator in the response of the arterial wall to injury; subsequent studies explored the contributions of monocyte-macrophages (foam cells) to the local cytokine/growth factor milieu of developing lesions; and his group’s most recent contributions focused on the role of extracellular matrix in the modulation of vascular smooth muscle phenotype.

His groundbreaking research and dedication to solving a major human disease problem won him the respect and recognition of academic colleagues worldwide. He was the recipient of numerous prestigious awards, and played a leadership role in the biomedical research community, in this country and abroad. Dr. Ross played an important role in the early planning of the North American Vascular Biology Organization, and, with his colleagues, hosted the very successful International Vascular Biology Meetings that were held in Seattle, Washington in August 1996.

In summary, NAVBO is thriving and provides a unique forum for scientific interaction between scientists with a common interest in vascular biology. I welcome your comments and suggestions on how you feel NAVBO can improve how it serves its membership. I would particularly appreciate your input on the issues raised in the preceding paragraphs. I hope to see you in Washington, D.C. April 16-21.

[Signature]

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Friday, April 16, 1999

**NAVBO Business Meeting**

Chair: Gary K. Owens, President
Washington Convention Center - Room 39

**Blood Vessel Club**

Chair: Mark B. Taubman, Mt. Sinai Med Ctr
Washington Convention Center - Room 39
Invited Speakers:
- Peter F. Davies, University of Pennsylvania
- Kathy Griendling, Emory University
- Gary K. Owens, University of Virginia

**Expression Profiling: Focal and Regional Endothelial Heterogeneity**

**Oxidant Signaling by Angiotensin II in Vascular Smooth Muscle Cells**

**Molecular Control of Smooth Muscle Cell Differentiation**

7:00-9:00PM

**Reception**

Washington Convention Center - Room 40

Saturday, April 17, 1999

8:30-11:00AM

**Symposium:** Cardiovascular Genomics
Marriott Ballroom Salons B,C,D
Chairs:
- Mary E. Gerritsen, Genentech, Inc.
- Stephen M Schwartz, Univ of Washington
Invited Speakers:
- Leroy E. Hood, Univ of Washington
- David G. Lowe, Genentech, Inc.

**Expression profiling and the identification of genes associated with stress inducible phenotypes of the heart**
Lawrence Adams, Univ of Washington

**Gene discovery by construction of random arrays**
Michael Pech, Hoffman-LaRoche, Inc.

**Gene expression analysis in atherosclerotic lesions by RNA subtraction, oligonucleotide chips and cDNA arrays**
Ruedi Aebersold, Univ of Washington

**The Proteome: Analysis and Utility**
Christopher C. W. Hughes, Univ of CA, Irvine

**A novel bHLH zipper protein and its role in angiogenesis**

1:30-4:00PM

**Minisymposia:**

**Genetic Diseases of the Vascular Extracellular Matrix**
Marriott Ballroom Salons B,C
Chairs:
- Hal Dietz, Johns Hopkins University
- Robert P. Mecham, Washington University
Invited Speakers:
- Hal Dietz

**Molecular Genetics of Marfan’s Syndrome**
- Robert P. Mecham

**Elastic Microfiber Proteins as Information Macromolecules**
- Dean Li, University of Utah
- Elastin Deficiencies and supravalvular aortic stenosis
  - Paul Bornstein, University of Washington
- Connective Tissue Abnormalities in Mice That Lack Thrombospondin-2 display a complex phenotype that includes a bleeding diathsis and increased angiogenesis

**Growth Factors, Cytokines and Signaling in the Vessel Wall**
Marriott Ballroom Salon D
Chairs:
- Robert D. Rosenberg, MIT & Harvard Med Sch
- Daniel F. Bowen-Pope, Univ of Washington
Invited Speakers:
- Robert D. Rosenberg

**Overview**
- Barrett J. Rollins, Dana Farber Cancer Institute
- MCP-1 in vascular pathology and immunology
  - Daniel F. Bowen-Pope

**Expression and function of a novel tyrosine phosphatase-like protein with inositol phosphatase activity**

4:00-5:30PM

**Poster Sessions**
Marriott Paris Room

**Cardiovascular Genomics**

Remodeling, Restenosis and Vascular Matrix
Marriott Ballroom Salon A

**Cytokines and vascular cells**

**Growth Factors and the Vessel Wall**
Sunday, April 18, 1999
8:30-11:00AM
Symposium:  **Why Plaques Rupture?**
Marriott Ballroom Salons B,C,D
Chairs:
  - Alexander W. Clowes, Univ of Washington
  - Montaz Wasf, NHLBI, NIH
Invited Speakers:
  - Peter Libby, Brigham and Women's Hospital
  - Renu Virmani, Armed Forces Institute of Pathology
  - Yale Nemerson, Mt. Sinai Medical Center
  - Thomas Hatsukami, University of Washington
  - Masahiro Meguro, University of Washington

**Molecular mechanisms of superficial erosion of atheroma**
- Alexander W. Clowes, Brigham and Women's Hospital
  - Molecular mechanisms of superficial erosion of atheroma

**Luminal thrombi and underlying plaque morphology**
- Yale Nemerson, Mt. Sinai Medical Center

**Tissue factor, the blood and the arterial wall**
- Thomas Hatsukami, University of Washington

**Identification of atherosclerotic carotid plaque characteristics with high-resolution magnetic resonance imaging**
- Alexander W. Clowes

**Modeling the thrombotic aspects of advanced atherosclerosis**
- David A. Dichek, Gladstone Institute, UCSF

1:30-4:00PM
**Minisymposia**

**What's New in Mouse Models**
Marriott Ballroom Salons B,C
Chairs:
  - Nobuyo Maeda, University of North Carolina
  - William Aird, Beth Israel-Deaconess Med Ctr
Invited Speaker:
  - Nobuyo Maeda

**Gene replacement as an approach to study atherogenesis in mice**
- William Aird

**Vascular bed-specific gene regulation within the endothelium**
- Masashi Yanagisawa, UT-Southwestern

**Endothelin B receptor-deficient mice and rats: new models of salt-sensitive hypertension**

4:00-5:30PM
**Poster Sessions**

Marriott Paris Room

- **Calcification**
- **Metalloproteinases**
- **Vascular matrix**

Monday, April 19, 1999
8:30-11:00AM
Symposium:  **Tissue Remodeling in Angiogenesis**
Marriott Ballroom Salons B,C,D
Chairs:
  - David Cheresh, The Scripps Research Institute
  - Luisa Iruela-Arispe, Univ of California, Los Angeles
Invited Speakers:
  - David Cheresh
  - Helen Blau, Stanford University

**Role of alpha V integrins in angiogenesis and disease**
- Helen Blau, Stanford University

**Transfer of VEGF-producing myoblasts for therapeutic angiogenesis**
- Luisa Iruela-Arispe

**Multiple mechanisms of blood vessel inhibition and remodeling**
- Thomas Quertermous, Stanford University*

**The embryonic endothelial marker Del-1 is a novel proangiogenic factor**
(*not confirmed)

11:00AM-12:00Noon
**Earl P. Benditt Award Lecture**
Marriott Ballroom Salons B,C,D
Chairs:
  - Gary K. Owens, NAVBO President
  - Stephen M. Schwartz, Former NAVBO President

Recipient/Speaker:
  - Morris J. Karnovsky, Harvard Medical School

**Peripatetic studies on blood vessels: from small pores to heparin and neointima.**

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**Lipoproteins and Reactive Oxygen Species**
Marriott Ballroom Salon D
Chairs:
  - Bradford Berk, University of Rochester Med Sch
  - David P. Hajjar, Cornell University Med Ctr
Invited Speakers:
  - Bradford Berk

**Redox sensitive kinases in the vasculature**

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**Masuko Ushio-Fukai, Emory University Sch of Med**

**Novel role for reactive oxygen species in activation of cell survival kinase Akt by angiotensin II in vascular smooth muscle**

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Tuesday, April 20, 1999
8:30-9:30AM
Young Investigators Presentations
Marriott Ballroom Salons B,C,D
Chairs:
   Mark W. Majesky, Baylor College of Medicine
   Mary E. Gerritsen, Genentech, Inc.

10:00AM-12:40PM
Symposium:
Leukocyte-Endothelial Interactions: Clinical Frontiers
Marriott Ballroom Salons B,C,D
Chairs:
   John Harlan, University of Washington
   C. Wayne Smith, Baylor College of Medicine
Invited Speakers:
   John Harlan, University of Washington
   Endothelial-leukocyte adhesion molecules in inflammation and vascular disease
   C. Wayne Smith, Baylor College of Medicine
   Recent Studies of Neutrophil Interactions Under Conditions of Flow

1:30-4:00PM
Minisymposium:
Biomechanical Signaling
Marriott Ballroom Salon D
Chairs:
   Peter F. Davies, University of Pennsylvania
   Michael A. Gimbrone, Jr., Brigham & Women's Hospital, Harvard Medical School
Overview by Peter F. Davies
Abstract driven session.

4:00-5:30PM - Vascular Poster Sessions
Marriott Ballroom Salon A
Biomechanical Signaling
Oxidized Lipids

Marriott Paris Room
Vascular Cell and Molecular Biology

Wednesday, April 21, 1999
Poster Sessions, Late Breaking Abstracts - Convention Center
POSTDOCTORAL FELLOW/RESEARCH ASSOCIATE: VASCULAR CELL AND MOLECULAR BIOLOGY

Two positions for fellows or semi-independent research scientists to pursue regulation of gene expression in endothelial cells. Emphasis is on the identity and mode of action of transcription factors involved in the induction of growth factor/cytokine genes and endothelial-leukocyte adhesion molecules. This laboratory effort is part of a team of highly interactive scientists studying multiple aspects of vascular cell and molecular biology in vitro and in vivo. Competitive salary and fringe benefits, including eligibility for a $10,000/year supplemental salary award as a Lerner Research Institute Fellow. Send C.V. and names of three references to:
Dr. Paul E. DiCorleto, Chairman
Department of Cell Biology - NC10
Lerner Research Institute of the Cleveland Clinic
9500 Euclid Avenue, Cleveland, OH 44195
e-mail: dicorlp@cesmtpl.ccf.org
http://www.ri.ccf.org/ri/pi/dicorlp.html

NEW PREDOCTORAL FELLOWSHIP IN MOLECULAR THERAPEUTICS

Novartis Pharmaceuticals has initiated a predoctoral fellowship in Molecular Therapeutics together with the Dept. of Molecular Genetics and Microbiology at the University of Medicine and Dentistry of New Jersey (UMDNJ) in Piscataway, NJ. Course work leading to a Ph.D. is performed at UMDNJ, while laboratory rotations and thesis research are performed at Novartis Pharmaceuticals in Summit, NJ. Thus the program fully integrates the university and industry environments and is appropriate for students planning a career in either. Laboratory training includes a choice of cutting edge research areas including transcriptional control, cell-cell interactions, apoptosis, functional genomics and NMR spectroscopy within a variety of departments including Oncology, Cardiovascular Diseases, Transplantation, Arthritis, and Gene and Stem Cell Therapy. We are seeking highly motivated students who will have obtained a bachelor's degree by June 1999. The fellowship includes full tuition, a stipend, moving allowance and health insurance. Applications and further information can be found at:
http://www2.umdnj.edu/mgm/grad.html
Inquires can be made to:
phd.fellowship@pharma.novartis.com
Applications are due April 1, 1999

POST-GRADUATE RESEARCH POSITION IMMEDIATELY AVAILABLE.

Projects involve understanding the biochemical, physiological, and molecular mechanisms of atherogenesis in the vascular wall including hormonal regulation, lipoprotein transport, vascular stiffening, and glycoxidative injury. Study approaches involve hyperlipidemic animal models (normal and transgenic/knockouts) using microvascular perfusions coupled with microscopic imaging of tissues, and cellular and molecular analyses. Experience in immunocytochemistry, sterile tissue culture, Northern and Southern blotting, PCR, gel electrophoresis, cloning, sequencing, and mouse genetics highly desirable. Interested candidates should send letter of interest and experience along with resume to:
John C. Rutledge, M.D.
Division of Cardiovascular Medicine
University of California, Davis School of Medicine
TB 172, Bioletti Way
One Shields Drive, Davis, California 95616
Tel. 530-752-0717; FAX 530-752-3264
Jcruttle@ucdavis.edu

POSTDOCTORAL RESEARCH POSITION

We are currently seeking candidates for a full time Research Fellowship in the Vascular Research Laboratories, Department of Surgery at the Health Sciences Center, State University of New York and the Syracuse Veterans Affairs Medical Center. The research program is investigating the molecular basis of pathological thrombosis, focussing on platelets, the blood vessel, and heparins. Experiences in protein and peptide biochemistry, glycobiology, signal transduction, or cellular receptors would all be welcome. Candidates should have a Ph.D. or M.D. degree and relevant past experience. Please submit your CV with a cover letter to:
Prof. Michael Sobel, M.D.
Surgery Service - 112
Syracuse VAMC
800 Irving Ave., Syracuse NY 13210
Fax 315 477-4858; SobelM@hscsyr.edu
POSTDOCTORAL POSITION HARVARD MEDICAL SCHOOL
Field of vascular biology and/or obesity. Study the role of leukocyte and platelet adhesion receptors in thrombosis, inflammation, atherosclerosis and adipogenesis. Prefer candidates with experience in molecular biology and/or working with mice. Publications in international journals are a prerequisite.

Send curriculum vitae to:
Denisa D. Wagner, Ph.D.
Professor of Pathology
Harvard Medical School
The Center for Blood Research
800 Huntington Avenue
Boston, MA, 02115 Fax: (617) 278-3368
An Equal Opportunity Employer.

NAVBO ANNOUNCEMENTS
We are seeking input for the next NAVBO Newsletter from NAVBO membership regarding the following:
• Meeting announcements (please provide dates, city, state, contact name and address, email, telephone and fax numbers)
• Program announcements (e.g. courses, graduate training, post-doctoral etc)
• Job announcements (faculty, post-doc, technician)
• Other announcements of interest to NAVBO membership (subject to approval by NAVBO council)

Please email the information you would like included in the next newsletter to:
Mary Gerritsen; meg@gene.com

Calendar of Scientific Meetings

April 12 - 13, 1999. Durham, UK British Microcirculation Society, Scientific Meeting. Enquiries: The Honorary Secretary BMS. Dr John Lever, Department of Biological & Medical Systems, Imperial College, London SW7 2BY Tel 011 44 (0)171 594 5172 Fax 01144 (0)171 594 5177 e-mail: (m.j.lever@ic.ac.uk)


May 6-8, 1999. Boston, MA. Current Issues in Vascular and Endovascular Surgery Contact: Office of Continuing Education, Harvard Medical School, PO Box 825, Boston, MA 02117, USA; Tel: 617 432 1525

May 14, 1999 from 10:00 am - 1:00 pm EST. Internet. The Cleveland Clinic Foundation will be conducting a live medical CyberSession titled: Second Restenosis Cybersummit. Medical CyberSessions are innovative and interactive medical conferences that take place via the Internet. Viewers can log on from the convenience of their home or office, listen to live formal discussions with slides and audio, and participate in a real-time interactive Q&A period with the speakers. Register today and join Drs Eric J. Topol, David A. Dichek, Antoine Lafont, Peter Libby, Michael Lincoff, Marlene Rabinovitch, Campbell D.K. Rogers, Robert S. Schwartz, Daniel I. Simon, and Ron Waksman to discuss "hot" new information and insights in the field. In order to participate, you must register prior to the event. All details concerning this cyber meeting will be available on our site. All you have to do is go to http://www.restenosis and click on REGISTER. For more information please contact: info@cybersessions.com


May 17-20, 1999. Barcelona, Spain. The Fifth Saratoga International Conference on Atherosclerosis. Contact: Dr. Akira Tanaka Tel: 011 81-3-5803-5224, Fax: 011 81-3-5684-203 email: numano.med3@med.tmd.ac.jp
May 24-26, 1999. San Diego, Ca. Cardiovascular Disease and Stroke Quality of Care and Outcomes Research. Hyatt Regency La Jolla, San Diego, California. Contact: www.americanheart.org

May 26-30, 1999. Rhodes, Greece. 13th Congress of the European Chapter of the International Union of Angiology. Contact: Prof Elias Bastounis, 1st Surgical Clinic, Laikon Hospital, 17 St Thomas Street, 115 27 Athens, Greece. Tel: 011 30 1 7777507 Fax: 011 30 1 7774584


June 24-25, 1999. Miyazaki, Japan. Japan 31th Atherosclerosis Meeting. Contact person: Dr. Sumiyoshi. A. Tel: 011 81-3-3455-4439 Fax:011 81-3-3798-72 email: spt@po.iijnet.or.jp


August 15-19, 1999. Salve Regina University in Newport, Rhode Island. Gordon Research Conference on "Angiogenesis and Microcirculation." Contact the Gordon Research Conferences, University of Rhode Island, P.O. Box 984, West Kingston, RI, 02892-0984, Tel: 401-783-4011, fax: 401-783-7644, or visit the GRC website at GRC@GRCMAIL.GRC.URI.EDU.

August 18-22, 1999. Salt Lake City, UT. AHA Scientific Conference on Molecular, Cellular and Integrated Approaches to the Failing Heart. Contact: AHA conference coordinator, email sciconf@heart.org, or fax 2124 373 3406.

September 12-15, 1999. Boston, MA. 6th International Conference on Eicosanoids and Other Bioactive Lipids in Cancer, Inflammation and Related Diseases. Contact: Dr. Charles Serhan Center for Experimental Therapeutics and Reperfusion Injury. Brigham and Women's Hospital 75 Francis Street, Boston, MA 02115 email: cetri@zeus.bwh.harvard.edu Tel.: 617-732-8822 Fax: 617-278-6957 Internet: http://zeus.bwh.harvard.edu/poster.htm

September 12 - 16, 1999. Melbourne Australia. XXIVth World Congress of the International Society for Cardiovascular Surgery. Contact: International Society for Cardiovascular Surgery World Congress, 13 Elm Street, Manchester, MA 01944, USA


September 24-25, 1999. Maebashi, Gumma, Japan. 2nd JVBO meeting. Contact: Chairperson Prof. Ryozo Nagai (2nd Dpt of Int Medicine, Gumma University Medical School) E-mail: tnakamura@sb.gumma-u.ac.jp


October 28-31, 1999. Venice, Italy. 5th International symposium “Multiple risk factors in cardiovascular disease: global assessment and intervention”. Contact: MRF ‘99 Giovanni Lorenzini Medical Foundation. Houston. Tel 713 797 0401; Fax 713 796 8853
Contact: www.americanheart.org/sessions

http://www.mcw.edu/biophys/oxsoc/

Contact: http://www.motivationservice.se/esm2000/ 

**March 9 - 11, 2000.** The International Society for Applied Cardiovascular Biology (ISACB) 7th Biennial Meeting "Towards Biofunctional Cardiovascular Implants" Tucson, Arizona, USA
For additional information contact: S.P. Schmidt, Falor Center for Vascular Studies, Summa Health System, 525 East Market Street, Akron, Ohio 44309 USA Tel: 330 375-3693. email: schmidt@brain.biomed.uakron.edu Or visit ISACB’s web site at: www.neoucom.edu/isscb

**April 12-15, 2000.** Groningen, the Netherlands 9th International ANCA Workshop and Clinical Vasculitis Symposium. Systemic Vasculitides and the role of ANCA in these diseases.
Contact: Groningen University Hospital Centre for Postgraduate Education Ch. L. Brugman, Coordinator Hanzeplein 1, 9713 GZ Groningen The Netherlands
Telephone: 01131-50-3612745 Fax: 011 31-50-3611819
E-mail: Ch.Brugman@RVB.AZG.NL


**NAVBO MEMBERS:**
Please send meeting announcements, web sites and other information to Newsletter Editor, Mary Gerritsen. Email: meg@gene.com

We are also continually in the process of updating the NAVBO web page. If you have links (e.g. to your institution or laboratory) that you would like included on the NAVBO web links page, please email that information to Mary Gerritsen at the email address at left.

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**NAVBO Directory of Members – Now On-Line**
You can look up the telephone number, fax number, mailing addresses (snail and Email) of any NAVBO member. This directory will be regularly updated and thus should provide an important resource to our membership.
To access the directory, visit the NAVBO www site now!
http://vessel.med.umn.edu/navbo

Send changes of address, phone, email, etc. to:
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NAVBO acknowledges the generous contributions from the following organizations:

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In support of NAVBO’s efforts to promote vascular biology, in particular Vascular Biology ’99, attendance at VB meetings by fellows and students, and funding for future International Vascular Biology Meetings held in North America.

International Vascular Biology Meeting 2004

Late Summer, 2004

Somewhere in North America!!!

Maybe your campus!!

The NAVBO Council is considering possible sites for IVBM 2004. If you are interested or would like more information please contact Gary Owens at gko@virginia.edu or Stephen Schwartz at steves@u.washington.edu
NAVBO MEMBERSHIP INFORMATION

Membership in NAVBO is growing! As of November 1, we have over 550 active members and a substantial number of members are trainees (which we encourage)! Now is the time to encourage your colleagues and trainees to join NAVBO and network with other members of the vascular biology community!

How do I apply for membership?

Complete the membership application form in this newsletter and return it, along with a check or authorization for credit card payment (Visa or Mastercard only) for your first year membership dues ($45 Regular, $25 Trainee, payable to NAVBO). There are two membership categories:

Regular Member: Those who hold an advanced degree (M.S., M.D., Ph.D) or who have professional experience in the field.

Trainee Member: Graduate students, residents, post-doctoral fellows, undergraduate students, technicians with interest or experience in vascular biology. Applicant must be sponsored by their academic supervisor, laboratory head or department chairman.

COPY THIS FORM AND GIVE IT TO YOUR COLLEAGUES!

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NAVBO Application for Membership

Name: ________________________________
Position: ______________________________
Department: __________________________
Institution: ___________________________
Street Address: _______________________
City: ________________________________
State: ________________________________
Zip: __________________________________
Phone: _______________________________
Fax: __________________________________
Email: _______________________________
Degree: MS__ PhD__ MD __ Other ___
Trainee: Fellow/Resident Graduate Student
I hereby apply for (check appropriate box):
  o Regular
  o Trainee* membership in NAVBO.

Signature: ______________________________
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