
Director, Kenneth Walsh, PhD
Administrator, Nancy Clinton, MBA
Administrative Assistant, Rosanne Zumbo

Base Members:

Victoria Bolotina, PhD  Professor of Medicine, Biophysics and Physiology
Richard Cohen, MD  Professor of Medicine, Physiology, Pharmacology and Experimental Therapeutics
Wilson Colucci, MD  Professor of Medicine and Physiology
Jane Freedman, MD  Professor of Medicine and Pharmacology
Haralambos Gavras, MD  Professor of Medicine
Victoria Herrera, MD  Professor of Medicine
Katya Ravid, PhD  Professor of Medicine and Biochemistry
Nelson Ruiz-Opazo, PhD  Professor of Medicine
Joseph Vita, MD  Professor of Medicine
Kenneth Walsh, PhD  Professor of Medicine
Vassilis Zannis, PhD  Professor of Medicine and Biochemistry
Noyan Gokce, MD  Associate Professor of Medicine
Jacob Joseph, MD  Associate Professor of Medicine
Flora Sam, MD  Associate Professor of Medicine
Frederick Ruberg, MD  Assistant Professor of Medicine

Faculty working with Base Members:

Irene Gavras, MD  Professor of Medicine
Naomi Hamburg, MD  Assistant Professor of Medicine
David Pimentel, MD  Assistant Professor of Medicine
Markus Bachschmid, PhD  Research Assistant Professor of Medicine
Subrata Chakrabarti, PhD  Research Assistant Professor of Medicine
Ekaterina Kintsurashvilli, PhD  Research Assistant Professor of Medicine
Reiko Matsui, MD  Research Assistant Professor of Medicine
Noriyuki Ouchi, MD, PhD  Research Assistant Professor of Medicine
Deborah Siwik, PhD  Research Assistant Professor of Medicine
Xiaoyoung Tong, PhD  Research Assistant Professor of Medicine
Ellen Weinberg, PhD  Research Assistant Professor of Medicine
Mengwei Zang, MD, PhD  Research Assistant Professor of Medicine
Eleni Zanni, PhD  Research Assistant Professor of Medicine
Adelina Duka, PhD  Instructor of Medicine
Sherene Shenouda, PhD  Instructor of Medicine
Kahraman Tannirverdi, PhD  Instructor of Medicine
New Base Members:
Jacob Joseph, MD
Katya Ravid, PhD

New Affiliated Members:
David Goukassian, MD, PhD Research Associate Professor, Dermatology
Angela Jefferson, PhD, Assistant Professor, Neurology
Francisco Naya, PhD, Assistant Professor, Biology, College of Arts and Sciences

Promotions:
Katya Ravid, PhD, Director, Evans Center for Interdisciplinary Biomedical Research, Boston University School of Medicine, Boston, MA
Noyan Gokce, Director of Echocardiography, Boston Medical Center, MA

New Awards and National/International Service:
Robert Dawson Evans Junior Faculty Merit Award, Department of Medicine, Boston University, Mengwei Zang
Robert Dawson Evans Scholar Award, Department of Medicine, Boston University School of Medicine, Richard A Cohen
Chartered member of CCHF Study Section, NIH, Kenneth Walsh
Editorial Board of Circulation Research, Kenneth Walsh
International Advisory Board, Hypertension Research, Kenneth Walsh
Research Committee, American Heart Association, National, Wilson Colucci
Editor-in-Chief, Cardiovascular Therapeutics, Jane Freedman
ISTH Platelet (Clinical) Committee, Jane Freedman
Department of Medicine Appointments and Promotions Committee, Jane Freedman
Member, International Scientific Advisory Board of the Congress, ISTH, Jane Freedman
Member, SABRe CVD Steering Committee-NIH/FHS, Jane Freedman
Director, Project 4 miRNA, SABRe CVD Committee-NIH/FHS, Jane Freedman
ASH Scientific Committee on Platelets, Katya Ravid
Editorial Board, Journal Experimental Hematology, Katya Ravid
Editorial Board, Clinical Pharmacology: Advances and Applications, Katya Ravid
International Scientific Advisory Board member for the XXII ISTH International Congress, Katya Ravid
Scientific Advisory Board Member for BIT Life Sciences World Congress of Regenerative Medicine & Stem Cell, Guangzhou, China, Katya Ravid
NIH Study Section Grant Review Committee, Clinical and Integrative Diabetes and Obesity (CIDO), Noyan Gokce
Editorial Board, Circulation- Cardiovascular Imaging, Noyan Gokce
Editorial Board, Circulation: Cardiovascular Imaging, Frederick Ruberg
Editorial Board, Cardiovascular Toxicology, Jacob Joseph
Editorial Board, Hypertension Research (Japan), Haralambos Gavras
Member European Research Council, Brussels, Belgium, Haralambos Gavras
Member of Nominating Committee of American Society of Hypertension, H. Gavras
Appointments and Promotions Committee, Cardiovascular Medicine, Jacob Joseph
Editorial Board, Arteriosclerosis, Thrombosis, and Vascular Biology, Richard Cohen
### New Funding:

<table>
<thead>
<tr>
<th>Grant Number</th>
<th>Principal Investigator(s)</th>
<th>Funding Agency</th>
<th>Start Date - End Date</th>
<th>Amount ($)</th>
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<tbody>
<tr>
<td>NO1 HC 25195 (Director of Core; [<strong>J. Freedman</strong>])</td>
<td>4/1/09 – 3/31/11</td>
<td>NIH/NHLBI</td>
<td>$1,007,006/$261.821</td>
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<td>R01 HL093149 PI; [<strong>K. Ravid</strong>]</td>
<td>04/01/2009-03/30/2014</td>
<td>NIH/NHLBI</td>
<td>$1,000,000/$625,000</td>
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<td>1R01DK076942-01A2, [<strong>M. Zang, PI</strong>]</td>
<td>07/15/08-5/30/13</td>
<td>NIH/NIDDK</td>
<td>$1,000,000/$625,000</td>
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<td><a href="#">Robert Dawson Evans Junior Faculty Merit Award</a></td>
<td>10/01/2009-09/30/2011</td>
<td>Mengwei Zang, recipient</td>
<td>$150,000</td>
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<td><a href="#">Robert Dawson Evans Scholar Award</a></td>
<td>9/1/08 – 8/31/13</td>
<td>Richard A Cohen, Recipient</td>
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<td>Genome Science Institute Seed Grant</td>
<td>05/01/2009-04/30/2010</td>
<td>Boston University, Ellen O Weinberg, recipient</td>
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<td>1RO1HL071793</td>
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<td>NIH/NHLBI, Walsh, PI</td>
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<td>1RO1HL031607 -26A1</td>
<td>07/01/09 – 6/30/14</td>
<td>NIH/NKLBI, Cohen, PI</td>
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<td><a href="#">Almond Board Clinical Research</a></td>
<td>7/1/08 – 6/30/10</td>
<td>Joseph Vita, PI</td>
<td>$123,494/$37,048</td>
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<td>R21</td>
<td>pending priority score 10%</td>
<td>NIH/NHLBI Sam, PI</td>
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<tr>
<td>R01 AG034972</td>
<td>pending, priority score 5%</td>
<td>NIH/NIA Walsh, PI</td>
<td>$1,250,000/$781,250</td>
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</tbody>
</table>

### Notes:

- **J. Freedman**  
  The Framingham Heart Study, Physical Examination, Testing and Surveillance

- **K. Ravid**  
  "A2b Adenosine Receptors and Atherogenesis"

- **M. Zang, PI**  
  Sir2 Regulates AMPK and Lipid Metabolism in Diabetes

- **Mengwei Zang**  
  Robert Dawson Evans Junior Faculty Merit Award

- **Richard A Cohen**  
  Robert Dawson Evans Scholar Award

- **Ellen O Weinberg**  
  Genome Science Institute Seed Grant

- **Bolotina**  
  Store-operated Ca\(^{2+}\) influx and iPLA\(_2\) in vascular smooth muscle.

- **Joseph Vita, PI**  
  Almond Board Clinical Research

- **Walsh, PI**  
  Redox Regulation of SERCA by Nitric Oxide

- **Sam, PI**  
  Novel Insights into the Pathogenesis of Light Chain Cardial Amyloidosis

- **Walsh, PI**  
  Akt-mediated muscle loss and metabolic dysfunction associated with aging
Selected Publications:


Selected Publications (cont.):


Selected publications (cont.):


Invited Lectures by CVI Faculty

**International**

Management of Atherothrombotic Risk, Rome Italy (Freedman)
Visiting Scholar, University of Sydney, Australia (Ravid)

Invited speaker, The International Purine meeting in Copenhagen (Ravid)

5th International Symposium on AMPactivated protein kinase, FASEB Research Conference, Snekkersten, Denmark (Zang)

University of Geneva Visiting Professor, Geneva Switzerland (Bolotina)

International Conference on Endothelium Derived Hyperpolarizing Factor “New determinants of vascular SMC function” Tampere, Finland (Bolotina)

European Calcium Society, “Store-operated Ca entry in excitable and non-excitabale cells”, Leuven, Belgium (Bolotina)

72nd Annual Scientific Meeting of the Japanese Circulation Society, Fukuoka, Japan (Walsh)

Institute of Cardiovascular Science, St. Boniface General Hospital Research Centre, University of Mannitoba, Winnipeg, Manitoba, Canada. (Walsh)

56th Annual Japanese College of Cardiology Meeting, Tokyo, Japan. (Walsh)

HFSA 12th Annual Scientific Meeting, Toronto, Ontario, Canada (Walsh)

12th LRYS Research Conference, Seoul, Korea. (Walsh)

24th Kumamoto Medical Bioscience Symposium, Kumamoto Japan. (Walsh)

12th Scientific Sessions of the Society of Cardiovascular Endocrinology and Metabolism, Kumamoto Japan. (Walsh)

Kagoshima University, Kagoshima Japan (Walsh)

Symposium on Myokines, University of Copenhagen, Denmark. (Walsh)

9th Molecular Vascular Biology Conference, Osaka, Japan. (Walsh)

73rd Japanese Circulation Society, Osaka. (Walsh)

Stock Conference on Inflammation and Obesity, International Association for the Study of Obesity, Cairns, Australia (Walsh)

3rd Center for Inflammation and Metabolism Course and Conference, Copenhagen (Walsh)

Joseph Dvorkin Memorial Lecture, Research Science Day, University of Alberta (Walsh)

International and European Society of Hypertension, Berlin, Germany (H. Gavras)
Invited Lectures by CVI Faculty, International (cont.):

18th Interamerican Society of Hypertension, Minas Gerais, Brazil (H. Gavras)
World Hypertension and League of Chinese Hypertension, Beijing, China (H. Gavras)
2nd International Conference on Fixed Drug Combinations, Valencia, Spain (H. Gavras)
Mechanisms of Vasodilation, Matsushima, Japan (Cohen)
Keystone Symposium Diabetic Vascular Disease, Vancouver, BC, Canada (Cohen)
Department of Physiology, University of the Witwatersrand Medical School,
Johannesburg, South Africa (Sam)

Local and National
Invited Speaker, Cardiovascular Research Center, University of Iowa (Freedman)
Invited Speaker, Gordon Research Conference: Hemostasis, Waterville Valley (Freedman)
Vascular Biology Working Group, Invited Speaker “Molecular Regulation of Platelet Dependent
Thrombosis” (Freedman)
Invited Speaker, Gordon Research Conference: Cell Biology of Megakaryocytes and Platelets,
Galveston, TX (Freedman)
Invited Speaker, VBWG Mid-Year Summit at ASH: “Role of Platelet Reactivity in Science and
Practice” (Freedman)
Endothelial dysfunction in acute insulin resistance. Association of University
Cardiologists. Scottsdale, AZ (Vita)
Visiting Professor. Department of Cardiovascular Medicine. Cleveland Clinic, Cleveland,
OH. (Vita)
Visiting Professor. Vascular Biology Section. Medical College of Georgia. Augusta, GA.
(Vita)
Invited lecturer. Markers of inflammation and cardiovascular risk. Cardiology for the Non-
Cardiologist. Boston, MA. (Vita)
Invited lecturer. Endothelial dysfunction in Obesity and Insulin Resistance. New England
Lipid Group. Boston, MA. (Vita)
Invited lecturer. Vascular consequences of insulin resistance. Section of Cardiology,
University of Tennessee. Memphis, TN. (Vita)
Pharmacology and Toxicology Seminar Series. Medical College of Wisconsin,
Milwaukee, WI. (Vita)
Moderator. Groundbreaking Studies in the Practice of Cardiovascular Medicine;
Circulation Editor’s Choices 2007-2008, Scientific Sessions, American Heart
Association, New Orleans, LA (Vita)
Moderator. Research and Clinical Applications of Measurements of Endothelial Function.
Scientific Sessions, American Heart Association, New Orleans, LA. (Vita)
San Francisco, CA (Vita)
Invited lecturer. Vascular dysfunction in insulin resistance. Medical Service Grand
Rounds. VA Boston Healthcare System, West Roxbury, MA (Vita)
Invited lecturer. Endothelial Dysfunction in Obesity and Diabetes Mellitus. Cardiology
Grand Rounds. Columbia Presbyterian Medical Center, New York, NY (Vita)
Invited lecture and Visiting Professor. What is the clinical significance of endothelial
dysfunction? Case University Cardiology Grand Rounds. Cleveland, OH. (Vita)
Invited lecturer, Assessment of Endothelial Function. XV International Symposium on
Atherosclerosis. Boston, MA. (Vita)
Invited Lectures by CVI Faculty, Local and National (cont.):

17th Annual Cardiology for the non-Cardiologist, Ravin Davidoff, MD Course Director, Cambridge MA, March 2008 (Ruberg)  
Cardiology Grand Rounds, “Diagnosis and Management of Cardiac Amyloidosis,” Tufts Medical Center, Boston, MA, April 2008. (Ruberg)  
Cardiology Grand Rounds, “Use and Misuse of Cardiac CT Angiography,” Sturdy Memorial Hospital, Attleboro, MA, May 2008 (Ruberg)  
Longwood Cardiovascular Imaging Series, Beth Israel Deaconess Medical Center, “CMR of dilated and restrictive cardiomyopathies,” March 2009 (Ruberg)  
Association of Black Cardiologists, 22nd Annual Scientific Sessions. “Role of Unfolded Protein in Amyloid Cardiomyopathy,” Orlando, FL, March 2009. (Ruberg)  
NIH / NIEHS, Research Triangle Park (N.Carolina, USA: Visiting Professor (Bolotina)  
University of Stony Brook (NY, USA, 2008): Visiting Professor (Bolotina)  
Calcium and Disease “Store-operated Ca influx in health and disease” Woods Hole, USA, (Bolotina)  
Molecular Medicine Series, Tufts-New England Medical Center, Boston, MA. (Walsh)  
4th International Conference on Cell Therapy for Cardiovascular Diseases, Columbia University, New York, NY. (Walsh)  
30th Annual Symposium: Obesity and Diabetes in the 21st Century, Burnham Institute for Medical Research, La Jolla, CA. (Walsh)  
Brigham Research Institute’s Research Seminar Series, Brigham and Women’s Cardiovascular, Diabetes, and Metabolism Divisions, Boston, MA. (Walsh)  
Integrative Physiology Symposium, New York Academy of Science, New York, NY. (Walsh)  
Annual meeting, Society of Heart and Vascular Metabolism, Cambridge, MA. (Walsh)  
Annual Meeting of the American Diabetes Association, San Francisco, CA. (Walsh)  
Muscle Science Day, Glaxo Smith Kline, Durham, NC. (Walsh)  
AHA Basic Cardiovascular Sciences Conference 2008, Keystone, CO. (Walsh)  
NAVBO Biology of Signaling in the Cardiovascular System, Hyannis, MA. (Walsh)  
Keystone Symposium on Metabolism and Cardiovascular Risk, Breckenridge, CO. (Walsh)  
Keynote Lecture: 4th Annual Metabolic Diseases World Summit, Cambridge, MA. (Walsh)  
Cardiovascular Seminar, Scientific Sessions of the American Heart Association, New Orleans. (Walsh)  
Cardiovascular Institute, Beth Israel Deaconess Medical Center (Walsh)  
BioScience Center, San Diego State University. (Walsh)  
Plenary Speaker, Joint Sessions, Western Regional Meeting, Carmel, CA. (Walsh)  
Gordon Research Conference: Biology of Aging, Ventura CA. (Walsh)  
Gordon Research Conference: Vascular Cell Biology, Ventura CA. (Walsh)  
Gordon Research Conference: IGF Biology, Ventura CA. (Walsh)  
Experimental Biology 2009 / ASPET, New Orleans. (Walsh)  
University of South Dakota. (Walsh)
Invited Lectures by CVI Faculty, Local and National (cont.):
International Society of Heart Failure, Baltimore (Walsh)
Cardiovascular Research Conference, San Diego (Walsh)
Endocrinology Grand Rounds, University of Oklahoma Health Sciences Center (Cohen)
Winter Eicosanoid Conference, Baltimore, Maryland (Cohen)
2009 Boston Go Red For Women Luncheon and Educational Forum (Sam)