

CURRICULUM VITAE

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EDUCATION:

1999 M.A. (honorary) Yale University
1989 Ph.D., Department of Pharmacology, New York Medical College, Valhalla, NY
1986 M.Sc., Department of Pharmacology, University of Rhode Island, Kingston, RI
1984 B.S., Pharmacy, Philadelphia College of Pharmacy and Sciences, Philadelphia, PA

APPOINTMENTS

June 2001 Director, Vascular Cell Signaling and Therapeutics Program
July 1999 to present Professor of Pharmacology (with tenure), Yale University School of Medicine
July 1996 to June 1999 Associate Professor of Pharmacology, Yale University School of Medicine
February 1993 to June 1996 Assistant Professor of Pharmacology, Yale University School of Medicine, The Boyer Center for Molecular Medicine
June 1992-January 1993 Research Assistant Professor of Physiology, Department of Physiology, The University of Virginia Health Sciences Center, Charlottesville, Virginia 22908
May 1991-June 1992 Post-doctoral fellow, Department of Pharmacology, The University of Virginia Health Sciences Center, School of Medicine, Charlottesville, Virginia, 22908
Jan 1990-May 1991 Post-doctoral fellow/Senior Scientist, The William Harvey Research Institute, St. Bartholomew's Hospital Medical College, Charterhouse Square, London, EC1M 6BQ

AWARDS:

2000 John J. Abel Award in Pharmacology, American Society of Pharmacology and Experimental Therapeutics
1997 Young Alumnus Award, Philadelphia College of Pharmacy & Sciences
1996 Established Investigator Award, American Heart Association
1994 NIH FIRST Award, Pharmaceutical Manufacturer's Association Young Investigator Award, Donaghy Foundation Young Investigator Award
1992 Merck Fellowship Award for Cardiovascular Research (High Blood Pressure Council of American Heart Association)
1988 Pfizer Young Investigator Award, Eastern Hypertension Society, New York

SOCIETIES:

American Society for Pharmacology and Experimental Therapeutics (2000)
Nitric Oxide Society (1997)
American Society for Biochemistry and Molecular Biology (1995)

North American Vascular Biology Organization (1994)

Fellow of Council for High Blood Pressure Research-American Heart Association (1993)

Member of Basic Science, Circulation, Atherosclerosis and Vascular Biology Councils-American Heart Association (1993)

The British Pharmacological Society (1990)

The British Society for Cardiovascular Research (1990)

The International Society for Heart Research (1990)

PROFESSIONAL ACTIVITIES:

- 2003 Elected Co-Chair for “Nitric Oxide” Gordon Conference in 2005; Editorial Board- News in Physiological Sciences
- 2002 Editorial Board, Biochemical Pharmacology, Scientific Advisory Board for World Genomics Symposium
- 2001 Scientific Advisory Board-2nd International Conference on Biology, Chemistry and Application of Nitric Oxide- Prague, Czechoslovakia; Charter Member-Experimental Cardiovascular Sciences Study Section, NHLBI
- 2000 Editorial Boards-The Journal of Clinical Investigation, The Journal of Biological Chemistry, Circulation Research; Program Committee-AHA High Blood Pressure Research Council (2000-03), Councilor for North American Vascular Biology Organization (NAVBO, 2000-03); Nominating Committee (2000-03); Councilor for Council on Arteriosclerosis, Thrombosis and Vascular Biology (2000-03)
- 1999 Scientific Advisory Board, 1st Conference on “The Biology, Chemistry and Therapeutic Applications of Nitric Oxide”-San Francisco,CA; ad hoc member of Experimental Cardiovascular Sciences Study Section-NIH (99-00)
- 1998 Editorial Board, The FASEB Journal
Associate Editor- General Pharmacology: The Vascular System (1008-present)
- 1997 Editorial Board, The American Journal of Physiology (1997-2000)
Chair of AHA Study Section Cardiovascular Physiology & Pharmacology, Molecular Biology and Signaling- Northeast Consortium
- 1996 Co-organizer of Liver Microcirculation in Health and Disease Meeting
Member-AHA Vascular Wall Study Section Publications Committee-AHA High Blood Pressure Council
Editorial Board Member-Nitric Oxide: Biology and Chemistry (1996-present)
- 1995 Reviewer, International Human Frontiers in Science Program, VA Merit Review Grants
- 1994 Editorial Board Member, British Journal of Pharmacology (1994-1996) and The Journal of Vascular Research (1994-present)
- 1986 – Present Ad Hoc Reviewer: Nature, Nature Medicine, PNAS, Journal of Biological Chemistry, Biochemistry, EMBO Journal, Journal of Clinical Investigation, Cancer Research,

Circulation, Circulation Research, Molecular Pharmacology, Biochemical Pharmacology, Journal of Pharmacology and Experimental Therapeutics, Hypertension, et alia.

NATIONAL AND INTERNATIONAL LECTURES:

- 2003 Invited lectureship-“Development & Remodeling of the Cardiopulmonary System” , Max Planck Society, Bad Nauheim, Germany; Lecturer- Department of Cell Biology, Duke University School of Medicine; Invited Speaker and Chair, Nitric Oxide Gordon Conference, Ventura, CA; Invited Speaker, ATVB meeting, Washington, D.C., Invited Speaker, Experimental Biology Meeting, San Diego, CA, Invited Speaker, Angiogenesis Gordon Conference, Newport RI.
- 2002 Lecturer-Cardiovascular Research Institute, Massachusetts General; Lecturer-Department of Physiology, LSU Medical Center, Shreveport; Lecturer-Department of Cardiology, Emory University; Lecturer-Department of Pharmacology, University of Illinois at Chicago; Annual Jaime Hererra Lecture-Society of Hypertension, Mexico City, Mexico; Plenary Lecture- 2nd International Meeting on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide, Prague, Czechoslovakia; Lecturer- Department of Neuroscience, DIBIT, San Raffaele Scientific Institute, Milan.
- 2001 Keynote Speaker-Graduate School Research Conference, UMDNJ; Distinguished Scholar Lecture- University of Virginia School of Medicine, Department of Pharmacology; Visiting Professor- University of Naples, Department of Pharmacology, Italy; Lecturer- Cancer and Angiogenesis Program, Beth Israel Hospital; Lecturer- Cardiovascular Medicine, University of Iowa School of Medicine; Plenary Speaker, Presidential Symposium of Microcirculation Society at Experimental Biology; Plenary Speaker at “Physiology in Focus” at Experimental Biology; Invited Speaker, Conference on Therapeutic Angiogenesis and Revascularization-AHA, Santa Fe, NM; Lecturer-Visiting Scholar at CMIER, Northwestern Medical School; Lecturer- Department of Physiology, SUNY at Stony Brook
- 2000 Invited Speaker in Plenary Session and Chair- AHA National meeting, New Orleans; Invited Speaker and Chair- ISHR meeting, Louisville; Plenary Speaker-Biology of Nitric Oxide, San Francisco; Plenary Speaker-First Annual ATVB /NAVBO meeting, Denver, CO; Lecturer- Department of Pharmacology, University of Florida School of Medicine; Lecturer-Department of Pharmacology, Cornell University Medical School; Plenary Speaker-Experimental and Clinical Regulation of Angiogenesis, Keystone Symposia; Lecturer-Vascular Biology Seminar Series, Harvard Medical School; Lecturer-Vascular Biology Center, University of Connecticut School of Medicine
- 1999 Lecturer- Departments of Biomedical Engineering, Physiology and Biophysics, Mayo Clinic, Rochester; State of the Art Lecture-High Blood Pressure Council, American Heart Association; Plenary Speaker-U.S.-Japan Workshop on Molecular and Cellular Aspects of Vascular Smooth Muscle Function, Honolulu; Lecturer-Medical College of Georgia, Vascular Biology Center; Lecturer- Department of Physiology, University of Calgary; Lecturer-Department of Pharmacology, University of Vancouver; Lecturer-Division of Cardiovascular Research, St. Elizabeth’s Hospital, Boston

- 1998 Invited Speaker in Plenary Session-“New Biology of Nitric Oxide”, AHA National Meeting in Dallas, Chair-“Nitric Oxide Synthase session”, AHA National Meeting in Dallas; Plenary Speaker-Third International Conference, “Biochemistry and Molecular Biology of Nitric Oxide”, UCLA; Plenary Speaker-Institute Pasteur, “Nitric Oxide: Basic Research and Clinical Applications, Paris, France; Invited Speaker-University of Naples, Department of Pharmacology, Naples, Italy; Invited Speaker- NATO Conference “Vascular Endothelium: Mechanisms of Cell Signaling, Crete, Greece; Lecturer- Department of Biochemistry, Cornell University Medical College; Visiting Professor-University of Frankfurt (Germany, Goethe Universitat Department of Physiology); Plenary Lecturer- "Advances in Hypertension", Society of Hypertension of Mexico, Mexico City, Mexico; Lecturer-Department of Biochemistry, University of Texas at San Antonio.
- 1997 Invited Speaker-“Regulation of NOS by Tetrahydrobiopterin”, Chair-“Angiogenesis session”- AHA National Meeting in Orlando; Plenary Session Speaker- “Endothelium and Cardiovascular Control”, FASEB Summer Conference; Visiting Professor Lecture-Cardiovascular Research Center, Medical College of Wisconsin; Lecturer-University of Pennsylvania, Department of Pharmacology; Lecturer- Boston University, Department of Endocrinology and Cardiovascular Research Center; Invited Speaker and Co-Chairman- “Nitric oxide and vasoactive molecules”, AHA Vascular Biology in New Orleans.
- 1996 Lecturer -University of Chicago, Department of Pathology; Lecturer-University of Texas at Houston and San Antonio, Departments of Hematology and Biochemistry; Lecturer-University of California at San Diego, Department of Bioengineering; Invited Speaker- “Molecular Mechanisms of Vascular Disease”, Experimental Biology in Washington, D.C.; Invited Speaker-“Mechanisms of Vasodilation”, International Vascular Biology Meeting in Seattle; Invited Speaker - “Biochemistry and Molecular Biology of Nitric Oxide, UCLA
- 1995 Lecturer-Department of Pharmacology, Cleveland Clinic Research Institute, Lecturer-University of Pennsylvania; Institute of Environmental Medicine; Session Chairman on Endothelium-dependent mechanisms-Experimental Biology; Session Chairman and Invited Speaker of Nitric Oxide Cell Biology - Fourth International Meeting of the Biology of Nitric Oxide; Session Chairman and Invited Speaker- Nitric Oxide Biology-AHA, Visiting Professorship-University of Indiana School of Medicine
- 1994 Invited Speaker and Symposium Organizer, "Nitric Oxide"-Endocrine Society, Lecturer -Mayo Clinic, Department of Physiology
- 1993 Plenary Speaker- "Advances in Hypertension", Society of Hypertension of Mexico, National Institute of Cardiology, Mexico City, Mexico; Invited Speaker-Third International Meeting of the Biology of Nitric Oxide, Cologne, Germany.
- 1992 Lecturer-"Molecular basis for therapy of vascular disease", Congress of the Polish Pharmacological Society, Joint meeting of the Polish and German Pharmacological Societies, Gdansk, Poland.

TEACHING AND INSTITUTIONAL ACTIVITIES:

- 2000 Member, Executive Committee of the Graduate School of Arts and Sciences;
Member, Senior Appointments and Promotion Committee of the School of Medicine
- 1999-present Director of Graduate Studies, Pharmacological Sciences and Molecular Medicine

- 1996-1999 Chair, Graduate Admissions Committee, Department of Pharmacology
- 1993-present Mentor -Ph.D. candidates in Pharmacology ; Cardiovascular lectures in Pharmacology Graduate Course and Lecture on Blood Vessel Structure in Cell Biology Course for Medical Students; Teach in the Signal Transduction and Mechanisms of Molecular Disease Courses; Conduct group conferences in Pharmacology for Medical Students and teach Cardiology fellows in Basic Science Course, several rotating graduate students and Yale undergraduates

PUBLICATIONS:

Full List on PubMed