



Michael Kapiloff

Associate Professor (Research) of Ophthalmology and, by courtesy, of Medicine (Cardiovascular Medicine)

Bio

BIO

Dr. Kapiloff earned his Ph.D. in Biomedical Sciences in 1991 at the University of California, San Diego, in the laboratory of Dr. M. Geoffrey Rosenfeld, a HHMI investigator and member of the National Academy of Sciences. He graduated from UCSD with a Doctorate of Medicine in 1992 and completed a residency in General Pediatrics at the University of Utah in 1995. In 1997, Dr. Kapiloff became a Research Assistant Professor, performing research in the laboratory of HHMI Investigator Dr. John Scott at the Vollum Institute in Portland, OR. From 1999 to 2007, Dr. Kapiloff was an Assistant Professor of Pediatrics at the Oregon Health and Science University in Portland. From 2007 to 2017, he was Director of the Cardiac Signal Transduction and Cellular Biology Laboratory at the University of Miami Miller School of Medicine in Miami, Florida, where he was, as of 2013, a tenured Professor of Pediatrics and Medicine in the Division of Cardiology. Since 2011, Dr. Kapiloff has also been studying signal transduction pathways in the eye. Dr. Kapiloff was recruited to Stanford in July, 2017 in a joint effort by the Department of Ophthalmology and the Stanford Cardiovascular Institute in recognition of his work in both fields.

ACADEMIC APPOINTMENTS

- Associate Professor (Research), Ophthalmology
- Associate Professor (Research) (By courtesy), Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

HONORS AND AWARDS

- Beneficial-Hodson Scholar, The Johns Hopkins University (1981-1984)
- Member, Phi Beta Kappa Society (1983)
- Medical Scientist Training Program, University of California, San Diego (1984-1992)
- Fellow, American Heart Association (2008)
- Member, American Society for Clinical Investigation (2011)
- Micah Batchelor Award For Excellence In Children's Health Research, University of Miami (2013)
- Fellow, American Physiological Society, Cardiovascular Section (2014)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Guest Editor, "AKAPs - regulators of signaling in space and time", Journal of Cardiovascular Pharmacology (2011 - 2011)
- Editorial Board, American Journal of Physiology – Heart and Circulatory Physiology (2011 - present)
- Member, Marcus Young Investigator Award in Cardiovascular Sciences Committee, American Heart Association (2012 - 2014)
- Co-Chair, North American Section Meeting, International Society for Heart Research (2014 - 2014)
- Chair, Molecular Signaling 1 Study Section, American Heart Association (2014 - 2015)

- Editorial Board, Journal of Molecular and Cellular Cardiology (2014 - present)
- Faculty Member, Cardiovascular Pharmacology Section, Faculty of 1000 F1000 Prime (2014 - present)
- Member, Early Career Committee for Council on Basic Cardiovascular Sciences, American Heart Association (2015 - 2017)
- Leadership Committee for Council on Basic Cardiovascular Sciences, American Heart Association (2016 - present)
- Co-Chair, Specialty Conference of the Council on Basic Cardiovascular Sciences, American Heart Association (2017 - present)
- Member, Cardiac Contractility, Hypertrophy, and Failure (CCHF) Study Section, National Institutes of Health (2017 - present)

PROFESSIONAL EDUCATION

- BA, The Johns Hopkins University , Humanistic Studies (1984)
- PhD, University of California, San Diego , Biomedical Sciences (1991)
- MD, University of California, San Diego , Medicine (1992)
- Residency, University of Utah and Primary Children's Medical Centers , General Pediatrics (1995)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Michael S. Kapiloff is a faculty member in the Departments of Ophthalmology and Medicine (Cardiovascular Medicine) and a member of the Stanford Cardiovascular Institute. Although Dr. Kapiloff was at one time a Board-Certified General Pediatrician, he is currently involved in full-time basic science and translational research. His laboratory studies the basic molecular mechanisms underlying the response of the retinal ganglion cell and cardiac myocyte to disease. The longstanding interest of his laboratory is the role in intracellular signal transduction of multimolecular complexes organized by scaffold proteins. Recently, his lab has been involved in the translation of these concepts into new therapies, including the development of new AAV gene therapy biologics for the prevention and treatment of heart failure and for neuroprotection in the eye.

URL to NCBI listing of all published works:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/michael.kapiloff.1/bibliography/40252285/public/?sort=date&direction=descending>

For more information see Dr. Kapiloff's lab website: <http://med.stanford.edu/kapilofflab.html>

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Xueyi Li, Yang Li, Malwina Lisek, Qian Yu, Ying Zhu

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biophysics (Phd Program)