

James Spudich

Biographical Sketch

James Spudich is Leishman Professor of Cardiovascular Disease and Professor of Biochemistry, Stanford. He received his B.S. in chemistry (University of Illinois) and his Ph.D. in biochemistry (Stanford). He did postdoctoral work in genetics (Stanford) and in structural biology (MRC-LMB, Cambridge, England). From 1971-1977 he rose from Assistant to Full Professor in the Department of Biochemistry and Biophysics, UCSF. From 1977-1992 he was Professor in the Department of Structural Biology, Stanford, and served as Chairman from 1979-1984. From 1992-present he is Professor, Department of Biochemistry, Stanford, and served as Chairman 1994-1998. From 1998-2002, he was Co-Founder and first Director of the Stanford Interdisciplinary Program called Bio-X. He is also Adjunct Professor at the National Center for Biological Sciences, Tata Institute of Fundamental Research and InStem in Bangalore, India. Spudich also was a Founder of both Cytokinetics, Inc. and MyoKardia, Inc, biotech companies that are developing therapeutics that target the sarcomere. Spudich was elected to the National Academy of Sciences in 1991, and has received numerous awards, including the Albert Lasker Basic Medical Research Award in 2012.