

Christopher Walsh

CURRICULUM VITAE

Christopher Walsh is a consulting professor to the Stanford University department of chemistry and an advisor to the Stanford ChEM-H institute. He was the Hamilton Kuhn Professor of Biological Chemistry and Molecular Pharmacology at Harvard Medical School from 1987-2013 when he took emeritus status. He has had extensive academic leadership experience, including Chairmanship of the MIT Chemistry Dept (1982-1987) and of the HMS Biological Chemistry & Molecular Pharmacology Dept (1987-1995) as well as serving as President and CEO of the Dana Farber Cancer Institute (1992-1995).

His research has focused on enzymes and enzyme inhibitors, with specialization on antibiotics and biosynthesis of other biologically and medicinally active natural products. He and his group authored 810 research papers, and five books: on *Enzymatic Reaction Mechanisms* (1979); *Antibiotics: Origins, Actions, Resistance* (2003); *Posttranslational Modification of Proteins: Expanding Nature's Inventory* (2005); *Antibiotics: Challenges, Mechanisms, Opportunities* (2016). *Natural Product Biosynthesis: Chemical Logic and Enzymatic Machinery* (2017)

He is a member of the U.S. National Academy of Sciences, the U.S. National Academy of Medicine, the American Academy of Arts and Sciences, the American Philosophical Society, and a co-recipient of the 2010 Welch Prize in Chemistry. At Harvard and MIT he taught biochemistry, chemical biology, and pharmacology to medical students and graduate students and organic chemistry to undergraduates.

He has been involved in a variety of venture-based biotechnology companies since 1981, including Genzyme, Immunogen, Leukosite, Millenium, Kosan, Vicuron, Epizyme. Currently he is on the board of directors of Ironwood, and Proteostasis, and the non profits: California Institute for Biomedical Research and The Scripps Research Institute. He is a member of the scientific advisory groups at Hua, Abide, Cidara, and Flex Pharma, an advisor to Health Care Ventures and a limited investor in Health Care Ventures, MPM bioventures, Clarus, and the Longwood Venture Funds.

At Stanford he has taught short courses (Chem 187/287) on Posttranslational Modifications of Proteins: expanding Nature's Inventory and also on Antibiotics: Mechanisms and Resistance and on Natural Product Biosynthesis.