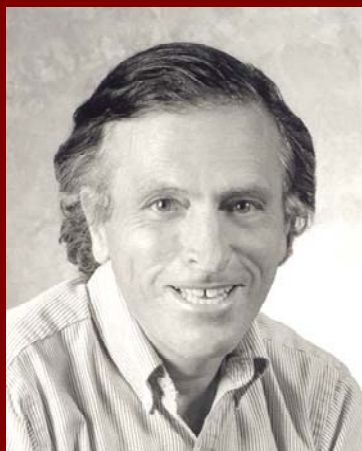


The Molecular Biology Institute, with generous contributions from family and friends, established the David S. Sigman Memorial Fund in 2002. It ensures that the Sigman Lectureship will continue in perpetuity to honor individuals for their significant contributions to chemical biology.



David S. Sigman was an internationally renowned UCLA professor who discovered chemical nucleases and illuminated the molecular mechanisms by which enzymes catalyze biological reactions.

Born in New York City in 1939, he graduated *magna cum laude* from Oberlin College in Chemistry in 1960. He received his PhD in 1965 from Harvard. After postdoctoral work, he served briefly as an instructor at Harvard before joining the UCLA faculty in the Department of Biological Chemistry in 1968.

Professor Sigman's research bridged the fields of organic chemistry, biochemistry, and molecular biology. He was one of the founding members of UCLA's Molecular Biology Institute, serving as its associate director from 1994-2001. In 1989, he added an appointment to the Department of Chemistry and Biochemistry. He was a large part of the collegial glue that held our biomedical community together. As the guru for bioorganic chemistry, he was a dedicated mentor of younger scientists. He died November 11, 2001, at the age of 62, after a two-and-a-half-year battle with brain cancer. His wit, insight, and creativity are greatly missed!



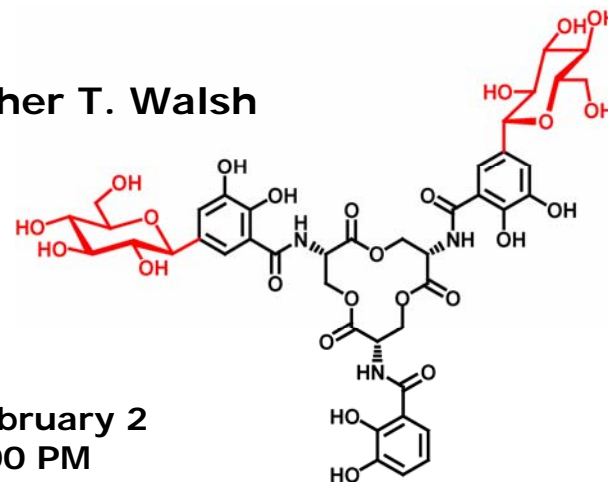
Donations to the lectureship endowment expand its potential – checks should be made payable to the "UCLA Foundation – Sigman Memorial Fund" and sent to the attention of Bo Tendis, Molecular Biology Institute - UCLA, PO Box 951570, Los Angeles CA 90095-1570. Your generosity is appreciated!

2007 David S. Sigman Memorial Lecture & Symposium



Science at the Interface of Chemistry and Biology

Honoring
Christopher T. Walsh



Friday, February 2
1:00 – 6:00 PM

UCLA

**Molecular Biology Institute
Cellular & Molecular Biology Training Program
Chemistry-Biology Interface Training Program**



Christopher Walsh is the Hamilton Kuhn Professor of Biological Chemistry and Molecular Pharmacology (BCMP) at Harvard Medical School. He has had extensive experience in academic administration, including Chairmanship of the MIT Chemistry Dept (1982-1987) and 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 recent specialization on antibiotics and biosynthesis of other biologically and medicinally active natural products. He and his group have authored over 650 research

papers, and three books: on *Enzymatic Reaction Mechanisms* (1979); *Antibiotics: Origins, Actions, Resistance* (2003); *Posttranslational Modification of Proteins: Expanding Nature's Inventory* (2005). He is a member of the National Academy of Sciences, the Institute of Medicine, the American Academy of Arts and Sciences, and the American Philosophical Society.

He has been a consultant to government and academic institutions, including NIGMS, a Trustee of the Whitehead Institute and the Helen Hay Whitney Foundation and a member of the scientific review board of HHMI.

He has been a consultant to large pharmaceuticals (Merck, Roche, and Abbot), and been involved in scientific advisory capacity for such companies as Genzyme, Immunogen, Kosan Biosciences, and Millennium. He has been or is currently on the Board of Directors of Critical Therapeutics, Kosan, Immunogen, Leukosite. Microbia, Transform, and Vicuron. He has been a scientific advisor to venture capital groups such as MPM Capital and Health Care Ventures.

At Harvard he teaches biochemistry, chemical biology, and pharmacology to medical students and graduate students. He is chair of the faculty standing committee of the Harvard Integrated Life Sciences graduate programs.

2007 David S. Sigman Memorial Lecture & Symposium

Science at the Interface of Chemistry and Biology

Friday, February 2, 2007
UCLA, Neuroscience Research Building
Auditorium and Foyer

- 1:00 pm **Welcome and Tribute to David Sigman**
Steven Clarke, MBI & C&MB Director
- 1:15 pm **Protein Lipidation: Enzymes and Inhibitors**
Fuyuhiko Tamanoi
Microbiology, Immunology & Molecular Genetics, UCLA
- 2:00 pm **Decoding the Structure-activity Relationship of Carbohydrates in the Brain**
Linda C. Hsieh-Wilson
Division of Chemistry & Chemical Engineering, CALTECH
- 3:00 pm **Student Trainees Poster Session in NRB Foyer**

2007 Sigman Lecture

- 3:45 pm **Award Presentation**
Marian Sigman and Ken Houk, CBI Director
- 4:00 pm **Bacterial Iron Wars: Microbe vs Host and Microbe vs Microbe**
Christopher T. Walsh
Department of Biological Chemistry & Molecular Pharmacology, Harvard Medical School
- 5:00 pm **Reception with Posters in NRB Foyer**