

## The Seventh Irving L. Schwartz

LECTURESHIP IN MOLECULAR BIOPHYSICS

KÜRT WÜTHRICH, PH.D.

Cecil H. and Ida M. Green  
Professor of Structural Biology  
The Scripps Research Institute  
La Jolla, CA, USA  
Professor of Biophysics ETH,  
Zurich, Switzerland

**“Protein NMR in Structural Biology  
and Structural Genomics.”**

Thursday, May 24, 2007  
1:30 PM

*The Hatch Auditorium*  
*Guggenheim Pavilion*  
Reception to follow the lecture

Mount Sinai School of Medicine  
Department Of Structural and Chemical Biology  
One Gustave L. Levy Place  
Fifth Avenue at 100th Street  
New York, New York 10029  
212-659-8647



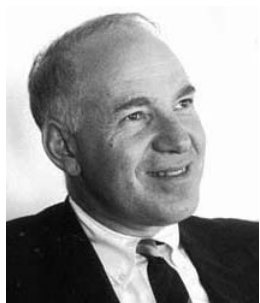
MOUNT SINAI  
SCHOOL OF  
MEDICINE

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Lectureship in Molecular  
Biophysics



## Irving L. Schwartz, M.D.



Irving L. Schwartz was recruited by the Trustees of the Mount Sinai Hospital in 1964 to devote himself to the launching of the Mount Sinai School of Medicine. Now Emeritus, he was the first Dean of the Mount Sinai Graduate School of Biological

Sciences, the first Chairman of the Department of Physiology & Biophysics and the Lamport Distinguished Professor

Dr. Schwartz's interests in biomedical research and education were far reaching, addressing fundamental problems of body fluid regulation, secretory phenomena and neurophysiology. His work, originally in whole animal and organ Physiology, evolved over the years to the cellular organellar, and ultimately to the molecular level. He had a major interest in the function of neurohypophyseal and other peptides. His studies on peptides ranged from bedside observations, to biochemical mechanisms of action, to the definition of the three dimensional structure of such molecules in solution as well as in the crystalline state. The work of his group on the molecular conformation of hormones in solution pioneered-structure function analysis based on the tertiary structure of molecules.

## Kurt Wüthrich, Ph.D.



Is currently Cecil H. and Ida M. Green Professor of Structural Biology at The Scripps Research Institute, La Jolla, CA, USA and Professor of Biophysics at the ETH Zürich, Zürich, Switzerland. His research interests are in molecular structural biology

and structural genomics. His specialty is nuclear magnetic resonance (NMR) spectroscopy with biological macromolecules, where he pioneered and contributed the NMR method of three-dimensional structure determination of proteins and nucleic acids in solution. The Wüthrich groups have solved more than 70 NMR structures of proteins and nucleic acids, including the immunosuppression system cyclophilin A\_cyclosporin A, the homeodomain\_operator DNA transcriptional regulatory system, and prion proteins from a variety of species.

Dr. Wüthrich was born in Switzerland on October 4, 1938, is married to Marianne Briner, and has two children, Bernhard Andrew and Karin Lynn. He studied chemistry, physics and mathematics at the University of Bern from 1957-62, obtained the Eidgenössisches Turn- und Sportlehrerdiplom and a Ph.D. in inorganic chemistry with Professor Silvio Fallab at the University of Basel in 1964, was a postdoctoral fellow in Basel (Prof. S. Fallab), at the University of California in Berkeley, CA, USA (Prof. R.E. Connick) and at Bell Telephone Laboratories in Murray Hill, NJ, USA (Dr. R.G. Shulman) before joining the ETH Zürich in 1969 (Privatdozent 1970, Assistant Professor 1972, Associate Professor 1976, Professor of Biophysics 1980, Chairman of the Department of Biology 1995\_2000). Since 2001 he shares his time between the ETH Zürich and The Scripps Research Institute. Dr. Kurt Wüthrich's achievements have been recognized by the Prix Louis Jeantet de Médecine, the Kyoto Prize in Advanced Technology, the Nobel Prize in Chemistry, and by a number of other awards and honorary degrees.

In Honor of

IRVING L.SCHWARTZ

*Scientist, scholar, teacher, physician*

A supporter of excellence in research and teaching and a source of encouragement and inspiration to his colleagues and students.

Previous Schwartz Lecturers

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|------|--|
| 1993 | Albert J. Hudspeth, M.D., Ph.D.<br>University of Texas<br><i>Southwestern Medical Center</i> |
| 1995 | Charles F. Stevens, M.D., Ph.D.<br><i>The Salk Institute</i>                                 |
| 1998 | Wayne L. Hubbell, M.D., Ph.D.<br><i>University of California at Los Angeles</i>              |
| 2000 | Richard N. Bergman, Ph.D.<br><i>University of Southern California</i>                        |
| 2005 | Stephen C. Harrison, Ph.D.<br><i>Harvard Medical School</i>                                  |
| 2006 | Roger Kornberg, Ph.D.<br><i>Stanford University</i>  |