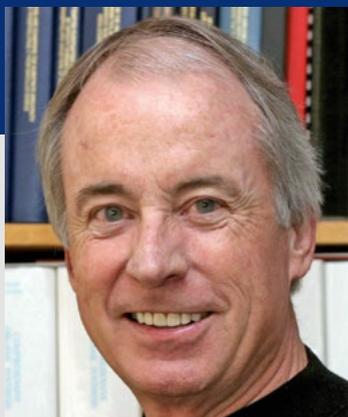


18th Thieme Lecture in Organic and Bioorganic Chemistry

Synthesis and Biology of Heterocyclic Natural Products and Their Analogs



Prof. Dr. Stephen F. Martin
University of Texas at Austin

A native of New Mexico, **Stephen Martin** received his B.S. degree in chemistry from the University of New Mexico in 1968 working with Raymond Castle and his Ph.D. degree from Princeton University in 1972, where he worked with Edward (Ted) Taylor. After postdoctoral years at the University of Munich with Rudolf Gompper and Massachusetts Institute of Technology working with George Büchi, he joined the faculty at the University of Texas at Austin in 1974, where he currently holds the M. June and J. Virgil Waggoner Regents Chair in Chemistry.

His research interests lie broadly in organic and bioorganic chemistry. In the former area, his primary endeavors involve developing and applying new methods and strategies to the syntheses of biologically active natural and non-natural products, especially those containing nitrogen and oxygen heterocyclic subunits. He is renowned for exploiting insights derived from target-directed synthesis to inspire the creative development of new and useful methods. He then masterfully applies these discoveries to imaginative and concise syntheses of an unusually diverse array of complex targets. In the more biological arena, he is studying fundamental aspects of molecular recognition in biological systems with a particular focus on how making specific structural changes in a ligand, particularly with respect to preorganization and nonpolar surface area, affect energetics and dynamics in protein-ligand interactions.

He has received a number of awards honoring his outstanding accomplishments, including a NIH Career Development Award, an American Cyanamid Academic Award, an Alexander von Humboldt Award, an Arthur C. Cope Scholar Award, a Japanese Society for the Promotion of Science Award, a Wyeth Research Award, and most recently the International Society of Heterocyclic Chemistry Senior Award; he is also a fellow of the American Association for the Advancement of Science.

He has served as a consultant for a number of pharmaceutical and biotechnology companies, and he is the regional editor of *Tetrahedron* for the Americas. He has delivered numerous invited lectures at national and international meetings, academic institutions, and industrial companies, and he has published over 300 scientific papers in primary journals together with several reviews and articles in books. He is also co-author of the popular undergraduate laboratory book *Experimental Organic Chemistry: A Miniscale and Microscale Approach*.

18th Day of Organic Chemistry, October 10, 2014

- 9:00 am Lectures of doctoral candidates from the University of Stuttgart and other local universities
Auditorium V 55.02
- 5:30 pm Greeting: Dr. Guido F. Herrmann, Georg Thieme Verlag, Stuttgart
Prof. Sabine Laschat, Institute for Organic Chemistry, University of Stuttgart
- 5:45 pm Prof. Dr. Stephen F. Martin, University of Texas at Austin
'Synthesis and Biology of Heterocyclic Natural Products and Their Analogs'
- 7:00 pm Evening buffet and post-meeting (advanced booking for non-lecturers required)
Internationales Begegnungszentrum at Stuttgart University,
Robert-Leicht-Str. 161, 70569 Stuttgart