Curriculum Vitae

Bernd Giese was born June 2, 1940 in Hamburg, Germany.

Affiliation

Department of Chemistry, University of Basel, St. Johanns-Ring 19, 4056 Basel, Switzerland.

Education

University of Heidelberg, University of Hamburg, Ph. D. at the University of Munich (1969, Prof. R. Huisgen), Habilitation at the University of Freiburg (1976).

Professional Experience

Pharma Research at BASF, Ludwigshafen, Germany (1969–1971), University of Münster (1971–1972), University of Freiburg (1972–1977), Full Professor at the Technical University of Darmstadt (1977–1988), Full Professor at the University of Basel (since 1989).

Guest Professorships

IBM, San Jose, California (1980); University of St. Andrews, UK (1983); Tongji University, Shanghai, China (1986); DuPont, Wilmington, Delaware 1988; CNR, Bologna, Italy (1993); Ecole Superieure de Physique et Chimie (ESPCI), Paris, France (1996).

Books

"*Radicals in Organic Synthesis*", Pergamon Press: Oxford (1986); "C-Radikale", In Houben-Weyl, Methoden der Organischen Chemie, Vol. 19a,b, Thieme: Stuttgart (1989); "*Stereochemistry of Radical Reactions*", together with D. P. Curran and N. A. Porter, VCH: Weinheim (1996).

Editor or Editorial Board of Journals

SYNLETT, Chemistry & Biology, Chemical Reviews, Bioorganic and Medicinal Chemistry, Bioorganic and Medicinal Chemistry Letters.

Major Awards and Fellowships

Karl-Winnacker Award (1976), Carl-Duisberg Award (1977), Gottfried-Wilhelm-Leibniz Award (1987), Merck-Schuchardt Award (1988). Member of the Deutsche Akademie der Naturforscher "Leopoldina" (1999). Member of the American Academy of Arts and Sciences (2003).

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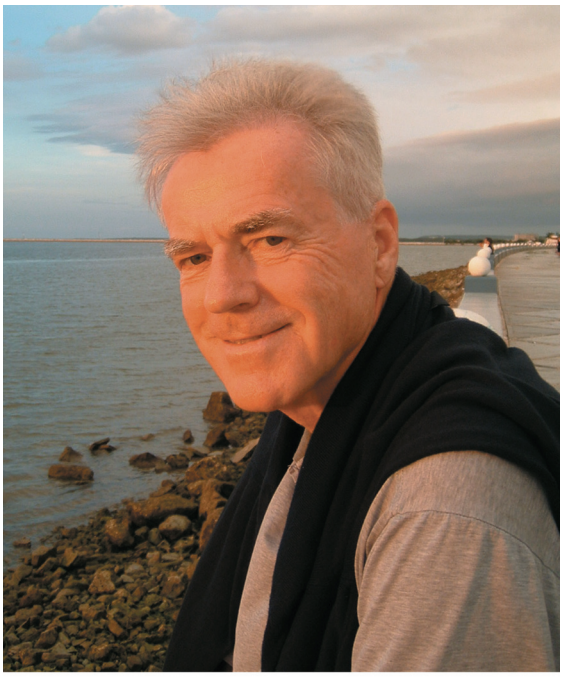
Editorial



Bernd Giese

Dear Authors and Readers,

Creativity and the exploitation of new areas, together with the quest for challenging and interesting problems in chemistry, have always been in the center of Bernd Giese's scientific life. Most of his work concerns the chemistry of radicals. He is one of the pioneers who deeply investigated the reactivity and selectivity of radicals and made them known to and accessible for synthetic chemists. Stereochemical aspects of radical chemistry was the topic of a series of publications, including a seminal book with Dennis P. Curran and Ned A. Porter in 1996. The application of radical chemistry towards total synthesis also played an important role in Bernd Giese's research. Careful analysis and an openness to new areas moved his research more and more towards radical reactions in biologic systems over the last couple of years. Bernd Giese can fascinate students, other researchers and also non-specialists with his gift to describe complex systems in a clear and understandable way. He spreads out his enthusiasm about chemistry – recently on the investigation of electron-transport through DNA and related chemistry.

This Special Issue of **SYNTHESIS** is celebrating the 65th birthday of Bernd Giese and contains many contributions from his friends and colleagues from all over the world. I thank all the authors in this issue for their valuable contributions, and Erick Carreira with the Editorial Office of **SYNTHESIS** for making this Special Issue possible.

Cardiff, May 2005

Thomas Wirth