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Preface

Tetrahedron Prize for Creativity in Organic Chemistry

The Tetrahedron Prize for Creativity in Organic Chemistry 2005 was awarded to Professor Bernd Giese, University of Basel. This special issue of *Bioorganic & Medicinal Chemistry* is dedicated to him for his pioneering research in free radical chemistry and his investigation of electron transfer processes in DNA.

Bernd Giese has developed important concepts for the understanding of kinetics and selectivity of complex reactions. He has pioneered the introduction of radical reactions as powerful synthesis methods. His most recent research activities have shifted to biological topics. For instance, Bernd Giese proposed new mechanisms for DNA strand breaks via intermediate radicals. He performed groundbreaking research in the determination of electron transfer processes in DNA.

Bernd Giese's seminal contributions have not only shaped organic synthesis but also had a profound impact on chemical biology research.

This special issue of *Bioorganic & Medicinal Chemistry* spans this range. The articles were invited from distinguished scientists who have a personal connection to Bernd Giese or with his field of study. They illuminate both the scope and the depth of Bernd Giese's research.

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