

TARGETS IN HETEROCYCLIC SYSTEMS

Chemistry and Properties

Volume 29 (2025)

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Preface

This volume is dedicated to the memory of Prof. Domenico Spinelli

Non omnis moriar..... (Quintus Horatius Flaccus, Carmina, III, XXX)

Heterocyclic derivatives are important in organic chemistry as products (including natural) and/or useful tools in the construction of more complicated molecular entities. Their utilization in polymeric, medicinal and agricultural chemistry is widely documented. Dyestuff, electronic, and tanning structures, as well as life molecules frequently involve heterocyclic rings that play an important role in several chemical and biochemical processes.

Volume 28 (2024) keeps the international standard of TARGETS IN HETEROCYCLIC SYSTEMS - Chemistry and Properties (THS) series and contains 26 chapters for a total of 606 pages, covering the synthesis, reactivity, and activity (including medicinal) of different heterorings. In this volume, 78 authors from 14 different countries are present: Bangladesh, France, India, Iran, Iraq, Italy, Japan, Mexico, Sultanate of Oman, Portugal, P. R. China, Russia, Thailand, and U.S.A.

As yet, THS Volumes 1-29 published 451 reviews by 1258 authors from 53 different countries for a total of about 12.500 pages.

Comprehensive Reviews reporting the overall state of the art on wide fields as well as personal Accounts highlighting significative advances by research groups dealing with their specific themes have been solicited from leading Authors. The submission of articles having the above-mentioned aims and concerning highly specialistic topics is strongly urged. The publication of Chapters in THS is free of charge. Firstly a brief layout of the contribution proposed, and then the subsequent manuscript, may be forwarded either to a Member of the Editorial Board or to one of the Editors.

The Authors, who contributed most competently to the realization of this Volume, and the Referees, who cooperated unselfishly (often with great patience) spending valuable attention and time in the review of the manuscripts, are gratefully acknowledged.

Orazio A. Attanasi, Bartolo Gabriele, Domenico Spinelli

Editors

Prof Domenico Spinelli

Domenico Spinelli graduated in 1955 from the University of Bari, his hometown.

A vibrant academic career led him through various universities: starting in 1962 in Genoa, he was later appointed to the Chair of Organic Chemistry at the University of Sassari, and the following year to the Chair of Advanced Organic Chemistry in Palermo, where he remained until 1974 before moving to the Faculty of Pharmacy in Bologna. Around Domenico Spinelli's charismatic academic personality, dynamic research groups flourished in each of these institutions, carrying forward a legacy defined by scientific excellence and a profound sense of community.

Professor Spinelli dedicated his passion and energy to the growth of the Italian Chemical Society (SCI). He served as President of the Organic Chemistry Division (1993–95), Vice President (1996–98), and subsequently as SCI President (1999–2001). Among many initiatives, he played a key role in strengthening the Young Chemists Group and in establishing the Sigma-Aldrich Young Chemists Symposium. He was also deeply engaged in important editorial initiatives, including the THS series, which benefited from his vision, commitment, and scientific integrity.

The SCI honored him with the Mangini Medal in 1996 and the Marotta Medal in 2003.

With his exceptional scientific insight, original vision, and organizational talent, Domenico Spinelli was a highly respected leader within the SCI and a mentor to many in the academic community.

The Italian Chemical Society pays tribute to Professor Domenico Spinelli, bidding him farewell with deep gratitude for a lifetime devoted to Italian chemistry, always accompanied by his distinctive, witty, and welcoming smile.

Professor Gianluca M. Farinola

President of the Italian Chemical Society