

NATURAL PRODUCTS CHEMISTRY 1984

EDITED BY
R. I. ZALEWSKI
J. J. SKOLIK

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NATURAL PRODUCTS CHEMISTRY 1984

A COLLECTION OF INVITED SECTION AND COLLOQUIUM LECTURES
PRESENTED AT THE 14TH IUPAC INTERNATIONAL SYMPOSIUM ON
THE CHEMISTRY OF NATURAL PRODUCTS
Poznań, Poland, 9–14 July 1984

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PREFACE

This volume contains a collection of invited section and colloquium lectures presented at the 14th International Symposium on the Chemistry of Natural Products which was held under the auspices of the International Union of Pure and Applied Chemistry (IUPAC) and the Polish Academy of Sciences in Poznań, Poland, 9-14 July 1984. As with all IUPAC meetings, the plenary lectures delivered during this meeting will be published in *Pure and Applied Chemistry*, the official journal of the Union.

The scientific programme of the 14th IUPAC Symposium (in line with all previous ones) developed the traditional scope of the chemistry of natural products and expanded into new biomolecular areas, exploring structurally and functionally more and more complicated biomolecules. Besides five traditional sections, three *new* colloquia were organized, devoted to:

- chemical synthesis of nucleic acids fragments
- crystal chemistry of natural products
- genetic engineering in agriculture, with emphasis on nitrogen fixation.

Such an approach reflects the growing keen interest of the majority of chemists in this field throughout the world. Its importance is especially evident in Poland as can be judged from the activity of over 500 local participants. We thank them and the 600 scientists from 41 other countries for being with us. Polish chemists, who otherwise have few opportunities to come into direct contact with outstanding foreign scientists, have no doubt benefited greatly.

The editors express their sincere gratitude to those who presented the section and colloquium lectures and gave permission for their publication in this volume.

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PART A

STRUCTURE AND PROPERTIES OF NATURAL PRODUCTS

