

New Approaches to the Design of Antineoplastic Agents

Editors

Thomas J. Bardos

and

Thomas I. Kalman

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Proceedings of The Twenty-second Annual Medicinal Chemistry Symposium,
Amherst, New York, U.S.A., May 18-20, 1981



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Preface

Medicinal chemistry is a hybrid science: it is part organic chemistry, part biochemistry, and part pharmacology, only to name some of its main components. Attempting to provide its graduate students with an authentic and overall balanced view of active research in various areas of medicinal chemistry, this department of the State University of New York at Buffalo has instituted a series of annual symposia, each one centering on a different subject area with correspondingly different emphasis or "mix" of the basic disciplines. Probably due to the fortunate selection of topics and invited speakers as well as to the encouragement of informal, freewheeling discussions, these symposia often turned out to be exciting and memorable experiences not only for the students and faculty of the host university but also for the many outside participants from other academic institutions and governmental and industrial research laboratories who attended them over the years.

This volume contains the texts of the presentations as well as the discussions that took place at our recent symposium on the design of anticancer agents. It appeared that this was an appropriate time to review some aspects of the present status of research in this particular field, develop new ideas, and discuss the possible basis for new approaches. It was felt that, because of the timeliness of the topic and the quality of the presentations and, last but not least, because of the thought-provoking and richly informative contents of the discussion material, the proceedings of this symposium should be published. Thanks to the cooperation of the speakers who submitted their manuscripts and reviewed the edited transcripts of their comments, this book is now in the hands of the readers. We hope that they will find it stimulating and useful.

*T.J. Bardos
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Contents

Preface	ix
Acknowledgments	xi
List of Symposium Participants	xiii
SECTION I: DESIGN OF DRUGS INTERACTING WITH DNA	
Receptor Based Drug Design	5
David W. Henry	
Discussion	36
Biochemical Activation of DNA Complexing Agents	39
Nicholas R. Bachur	
Discussion	43
Design of Hypoxic Cell Selective Chemotherapeutic Agents for Use in Solid Tumor Therapy	51
Alan C. Sartorelli	
Discussion	57
Synthesis and Properties of New Antileukemic 2-Haloethylnitrosoureas Based on an Analysis of Their Reactions with DNA	61
J. William Lown	