

METHODS IN CANCER RESEARCH

Volume XI

HARRIS BUSCH

METHODS IN CANCER RESEARCH

Edited by

HARRIS BUSCH

DEPARTMENT OF PHARMACOLOGY
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VOLUME XI

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Preface

It is axiomatic that cancer research can proceed only as far as available methods permit. The present volume provides important information on the results of chromatin-banding techniques with particular relevance to the cancer problem, the newer aspects of methods for studies on chromatin, and analysis of DNA repair following damage by physical and chemical carcinogens. Methods for the study of RNA are expanded in the chapters on visualization of tumor virus RNA by electron microscopy and up-dating of the methods for RNA-DNA hybridization with special reference to tumor RNA viruses. Some important developments in the biology of cancer are illustrated in chapters on mitosis of tumor cells, the steroid-binding proteins of tumors, and a brief description of CEA (carcinoembryonic antigens—assay methods and critical applications). These chapters represent important developments both in fundamental methodology and its application to the cancer problem which hopefully will aid in its ultimate solution.

HARRIS BUSCH

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