

GENES AND PROTEINS IN ONCOGENESIS

Edited by

**I. BERNARD WEINSTEIN
HENRY J. VOGEL**

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College of Physicians and Surgeons
Columbia University
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Preface

Environmental factors in carcinogenesis have been the subject of biomedical studies for over two hundred years. Sir Percival Pott gave his classical description of cancer of the scrotum in chimney sweeps in 1775, when the medical faculty of King's College, one of the roots of the College of Physicians and Surgeons, was eight years old. Genetic factors have been considered since at least 1914, when Boveri proposed that carcinogens produce chromosomal alterations. Such environmental and genetic aspects, in recent years, have witnessed a remarkable flowering in the multistep theory of carcinogenesis, on the one hand, and, on the other, in the recognition of the role of specific virus-borne and cellular genes in the oncogenic process. The amalgamation of the environmental and genetic aspects, in molecular terms, is now in sight, if not at hand. In the immediate past, this field has generated a strikingly high level of excitement and promise.

A symposium on "Genes and Proteins in Oncogenesis" was held at Arden House, on the Harriman Campus of Columbia University, from June 4 through June 6, 1982. The meeting was the seventh of the P & S Biomedical Sciences Symposia. The proceedings are contained in this volume.

Dr. Donald F. Tapley, Dean of the College of Physicians and Surgeons (P & S), which sponsors the symposia, welcomed the participants.

To Dr. Howard M. Temin, we express our sincere thanks for his delivery of the opening address. We are grateful to Dr. Dezider Grunberger, Dr. Benvenuto Pernis, Dr. Hidesaburo Hanafusa, Dr. Charlotte Friend, Dr. Harold S. Ginsberg, and Dr. Karl H. Pfenninger, who acted as session chairmen.

Dr. Ruth H. Vogel's contributions to the organization of the symposium and the preparation of this volume are much appreciated.

I. Bernard Weinstein
Henry J. Vogel

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