

# PROGRAM

## List of Participants.

### Developmental Biology of Normal Cells

Henry C. Pitot, *Chairman*

Control of Cell Division: Models from Microorganisms.....	1802
<i>Arthur B. Pardee.</i>	
Units of DNA Replication in Mammalian Chromosomes.....	1810
<i>J. Herbert Taylor and Philip Miner.</i>	
Regulation of Cell Reproduction.....	1815
<i>David M. Prescott.</i>	
Developmental Biology of Normal Cells: Biology and Biochemical Aspects.....	1821
<i>D. F. Petersen, R. A. Tobey, and E. C. Anderson.</i>	
Summary of Discussion on Developmental Biology of Normal Cells.....	1823
<i>Kimball C. Atwood.</i>	

### Viral and Immunologic Aspects of Carcinogenesis

Edwin H. Lennette, *Chairman*

The Biology of Viral Carcinogenesis.....	1825
<i>Karl Habel.</i>	
The Role of the Viral Genome in Oncogenesis.....	1832
<i>Fred Rapp.</i>	
Carcinogenesis by Avian Sarcoma Viruses.....	1835
<i>Howard M. Temin.</i>	
Immunology of Carcinogenesis.....	1839
<i>G. Haughton and D. B. Amos.</i>	
Viral Carcinogenesis: Phenomena of Special Significance in the Search for a Viral Etiology in Human Cancers.....	1849
<i>Albert B. Sabin.</i>	

### Mechanisms Involved in Carcinogenesis

Norton Nelson and Clark Griffin, *Cochairmen*

Biochemistry of Carcinogenesis.....	1859
<i>Emmanuel Farber.</i>	
Discussion of Dr. E. Farber's Paper, "Biochemistry of Carcinogenesis.".....	1870
<i>Walter Troll.</i>	
A Possible Role of Transfer RNA in the Mechanism of Carcinogenesis.....	1871
<i>I. Bernard Weinstein.</i>	
Summary of Informal Discussion on the Mechanisms Involved in Carcinogenesis.....	1875
<i>James A. Miller.</i>	

### Neoplasms

G. David Novelli, *Chairman*

Some Aspects of the Developmental Biology of Neoplasia.....	1880
<i>Henry C. Pitot.</i>	
Biochemical Studies of Hormone-responsive Mammary Tumors.....	1888
<i>Russell Hilf.</i>	
A Resumé of the Current Status of the Development of Plasma-Cell Tumors in Mice.....	1891
<i>Michael Potter.</i>	

Metabolic Regulation and Enzyme Alterations in the Morris Hepatomas.....	1897
<i>Francis A. Farina, Richard C. Adelman, Chai Ho Lo, Harold P. Morris, and Sidney Weinhouse.</i>	
Summary of Discussion on Neoplasms.....	1901
<i>Van R. Potter.</i>	
<b>Summation of Symposium</b>	
<b>Henry C. Pitot, Chairman</b>	
Neoplasia: A Disease of Cell Differentiation.....	1908
<i>Clement L. Markert.</i>	