CONTENTS

SYMPOSIUM ON IMMUNOGENETICS AND CARCINOGENESIS

Morris K. Barrett. Some Immunogenetic Influences upon Transplanted Tumors ....................... 535
George D. Snell. The Immunogenetics of Tumor Transplantation ............................................. 543
Elizabeth C. Miller and James A. Miller. In Vivo Combinations between Carcinogens and Tissue Constituents and Their Possible Role in Carcinogenesis ........................................ 547
Hugh J. Creech. Chemical and Immunological Properties of Carcinogen-Protein Conjugates .... 557

N. L. Petrakis, H. R. Bierman, and M. B. Shimkin. Addendum: Substituted Malononitriles in Neoplastic Diseases in Man .......................................................... 573
Emery M. Gal, Fung-Haan Fung, and David M. Greenberg. Studies on the Biological Action of Malononitriles. II. Distribution of Rhodanese (Transulfurase) in the Tissues of Normal and Tumor-bearing Animals and the Effect of Malononitriles Thereon ........................................ 574
Claude Allard, Gaston de Lamirande, and Antonio Cantero. Mitochondrial Population of Mammalian Cells. II. Variation in the Mitochondrial Population of the Average Rat Liver Cell during Regeneration. Use of the Mitochondrion as a Unit of Measurement ............................. 580
S. Albert and Ralph M. Johnson. The Effect of Inherited Factors, the Milk Agent, and Physiological State on Phosphorus Metabolism of Endocrine Glands of Mice ........................................ 584
George Klein. The Nature of Mammalian Lymphosarcoma Transmission by Isolated Chromatin Fractions ................................................................. 589
Sidney D. Kobernick, Edna W. Toovey, and D. R. Webster. Effects of the Application of Carcinogens to Exposed Gastric Mucosa in the Rat .................................................. 591
John J. Bittner. Studies on the Inherited Susceptibility and Inherited Hormonal Influence in the Genesis of Mammary Cancer in Mice .................................................. 594
Committee on Standardized Nomenclature for Inbred Strains of Mice. Standardized Nomenclature for Inbred Strains of Mice ...................................................... 602

Announcements ......................................................................................................................... 614

THE OFFICIAL ORGAN OF THE
AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.
Published by THE UNIVERSITY OF CHICAGO PRESS