Contents

Asterisks preceding the title refer to studies in humans.

Wilson I. B. Onuigbo.

637 The Effect of Adult Thymectomy and Adult Splenectomy on the Production of Leukemia and Stomatich Neoplasms in Mice by N-[4-(5-Nitro-2-furyl)-2-thiazoyl]acetamide.  
Samuel M. Cohen, Don B. Headley, and George T. Bryan.

641 Treatment of a Moloney Lymphoma with Cyclophosphamide and H-2-incompatible Spleen Cells.  
A. Fefer.

645 Suppression of Autochthonous Grafts of Spontaneous Mammary Tumor by Induced Allogeneic Graft Rejection Mechanism.  
Reiko Tokuzen and Waro Nakahara.

* HL-A Antigens in Solid Tumors.  
Mitsuo Takasugi, Paul I. Terasaki, Brian Henderson, Max R. Mickey, Herman Menck, and Ronald W. Thompson.

651 Evidence for an Aldehyde Possessing Alkylating Activity as the Primary Metabolite of Cyclophosphamide.  
N. E. Sladek.

659 Bacillus Calmette-Guérin Vaccination and Skin Tumor Promotion with Croton Oil in Mice.  
M. R. Schinitsky, L. R. Hyman, A. A. Blazkovec, and P. M. Burkholder.

664 Effects of Dosage, Phenobarbital, and 2-Diethylaminoethyl-2,2-diphenylvalerate on the Binding of Cyclophosphamide and/or Its Metabolites to the DNA, RNA, and Protein of the Embryo and Liver in Pregnant Mice.  
Vadiraja V. Murthy, Bernard A. Becker, and William J. Steele.

671 Studies of Neoplastic Myelomonocytic Cells in BALB/c Mice Producing Infectious C-type Viruses.  
Frances T. Sanel.

679 Immunity to a TA3 Tumor Subline That Grows in Allogeneic Hosts Elicited by Strain-specific TA3 Tumor Cells.  
Muriel M. Lippman, John M. Venditti, Ira Kline, and David L. Elam.

685 Studies of the Effects of Bacillus Calmette-Guérin on Moloney Sarcoma Virus-induced Tumors in Normal and Immunosuppressed Mice.
Enhancement of Virus-induced Leukemias and Sarcomas in F1 Hybrid Mice Inoculated with Parental Spleen Cells.  
B. Varet, A. Cannat, N. Feingold, J. Wechsler, and J. P. Levy.

Effect of Preirradiation of the Tumor Bed on the Relative Vascular Space of Mouse Gastric Adenocarcinoma 328 and Mammary Adenocarcinoma CA755.  
Randy Jirtle and Kelly H. Clifton.

Macromolecular Synthesis following a Single Application of Alkylating Agents Used as Initiators of Mouse Skin Tumorigenesis.  
T. J. Slaga, G. T. Bowden, B. G. Shapas, and R. K. Boutwell.

Bleomycin-induced Fine Structural Alterations in Cultured Mouse Fibroblasts and Human Lymphocytes of Neoplastic Origin.  
Awtar Krishan.

Microfluorometric Comparisons of Chromatin Thermal Stability in Situ between Normal and Neoplastic Cells.  
Marvin R. Alvarez.

Combination Chemotherapy with Cytosine Arabinoside, L-Asparaginase, and 6-Azauridine for Transplantable Murine Leukemias.  
Thomas L. Avery and DeWayne Roberts.

Factors in Human Serum Affecting the Proliferation of Normal and Leukemic Cells.  
Philip J. Burke, Charles H. Diggs, and Albert H. Owens, Jr.

Quantitative Effects of Nutritional Protein and Calorie Deficiency upon Immune Responses to Tumors in Mice.  
David G. Jose and Robert A. Good.

Binding of an Antitumor Platinum Compound to Cells as Influenced by Physical Factors and Pharmacologically Active Agents.  
Glen R. Gale, Carl R. Morris, Loretta M. Atkins, and Alayne B. Smith.

Enhancement of Adenovirus Transformation by Pretreatment of Hamster Cells with Carcinogenic Polycyclic Hydrocarbons.  
Bruce C. Casto, William J. Pieczynski, and Joseph A. DiPaolo.

In Vitro Culture of Cloned Hamster Melanoma Cells Containing R-type virus.  
William L. Epstein and Kimie Fukuyama.

Correlation between Carcinogenicity and Chemical Structure in Cyclopenta[a]phenanthrenes.  

Evidence for Multiple Forms of DNA Polymerase in Hodgkin's Disease.  
Jeanette R. Piperno and Roland G. Kallen.

Independence of Pituitary Tumor-mediated Suppression of Growth Hormone Secretion and Cyclic 3',5'-Adenosine Monophosphate Production.  
Robert M. MacLeod and Joyce E. Lehmeyer.