Contents

1007 Effects of VX-2 Carcinoma Implanted in Bone in Rabbits.
   W. F. Enneking and Leo Flynn.

1014 Some Inhibitors of Deamination of 9-β-D-Arabino-
   furanosyladenine and 9-β-D-Xylofuranosyladenine by Blood and Neoplasms of Experimental Animals and Humans.

1021 The Effect of Vitamin A Acid on Tumorigenesis and Protein Production.
   Lawrence Prutkin.

1031 Electron Microscopic Observations on Cells of Harding-Passey Melanoma following Colchicine Administration.
   E. J. H. Nathaniel, N. B. Friedman, and H. Rychuk.

1041 Urethan Carcinogenesis and Nucleic Acid Metabolism: In Vitro Interactions with Enzymes.
   Alvin M. Kaye.

1047 Urethan Carcinogenesis and Nucleic Acid Metabolism: In Vivo Incorporation of Pyrimidines-14C and Urethan-14C into Mouse Organs.
   Alvin M. Kaye.

1055 Increased Oncogenicity of the Murine Sarcoma Virus (Moloney) by Co-infection with Murine Leukemia Viruses.

1064 Enhancement of Friend and Rauscher Leukemia Virus Replication in Mice by Guarana Virus.
   W. Turner, M. A. Chirigos, and D. Scott.

1074 Biochemical Studies with 1-β-D-Arabino furanosylecytosine in Human Leukemic Leukocytes and Normal Bone Marrow Cells.
   William A. Creasey, Ronald C. DeConti, and Stephen R. Kaplan.

1082 Further Studies on the Mechanism of Action of Hydroxyurea.
   J. W. Yarbro.

1088 Effectiveness of High-Dose Infusions of Methotrexate Followed by Leucovorin in Carcinoma of the Head and Neck.

1095 Determination of Certain Antitumor Agents in Mouse Blood by Microbiologic Assay.
   Dale E. Hunt and Robert F. Pittillo.

1110 The Influence of Transplantable Rat Mammary Carcinomas and the Walker Carcinoma 256 on the Lipid Composition of the Muscle and Liver of the Host.
   Christopher Cerruthers and Untae Kim.

1116 Effect of Splenectomy on the Regression of Transplantable Tumors.
   J. F. Ferrer and E. Mihich.

1121 Direct Implantation and Serial Transplantation of Human Acute Lymphoblastic Leukemia in Hamsters, SB-2.
   Richard A. Adams, Arlene Flowers, and Barbara J. Davis.

1126 The Nucleolar RNA of Minimal Deviation Hepatomas.
   Masami Muramatsu, Toru Higashinakagawa, Tetsuo Ono, and Haruo Sugano.

1138 Protein Electrophoretic Patterns of Serum and Peritoneal Fluid in Normal, Tumor-bearing, and Immune Mice.
   Max Brenneman and Perry Rigby.

1143 Comparison of Survival Kinetics and Modifications of Lethal Damage in Cultured Chinese Hamster Cells Exposed to Sulfur Mustard and X-rays.
   F. Mauro, M. M. Elkind, and K. Sakamoto.

1150 Differences in Survival Variations during the Growth Cycle of Cultured Chinese Hamster Cells Treated with Sulfur Mustard and X-rays.
   F. Mauro and M. M. Elkind.

1156 Comparison of Repair of Sublethal Damage in Cultured Chinese Hamster Cells Exposed to Sulfur Mustard and X-rays.
   F. Mauro and M. M. Elkind.

1162 Studies on the Effects of Simple Sugars on Mammalian Cells in Culture and Characterization of the Inhibition of 3T3 Fibroblasts by L-Fucose.
   Rod P. Cox and Bertram M. Gesner.

1173 Tumor Induction by Simian Adenovirus 30 and Establishment of Tumor Cell Lines.
   Malcolm Slifkin, Leonard Merkow, and Norbert P. Rapoza.