This issue consists of two parts. This is Part 1

657 Jay S. Roth. Ribonuclease Activity and Cancer: A Review

667 Alfred S. Ketcham, Hilda Wexler, and Nathan Mantel. Effects of Alcohol in Mouse Neoplasia

671 Edith E. Sproul, Richard S. Metzgar, and James T. Grace, Jr. The Pathogenesis of Yaba Virus-induced Histioctomas in Primates

676 K. Lapis and E. H. Mercer. An Electron Microscope Study of NK Lymphoma Cells and the Changes Produced by Two Cytostatic Drugs

682 Yukiaki Kuroda and Junichi Furuyama. Physiological and Biochemical Studies of Effects of Actinomycin C on Strain HeLa Cells in Cell Culture

688 F. L. Moolten and J. F. Scott. The Effects of Thyroxine on Nucleic Acid and Protein Metabolism in Mouse Thyrotropic Pituitary Tumors

695 J. E. Prier. Nutritional Requirements for Cultivation of the Canine Transmissible Sarcoma Cell

700 H. Francis Havas, A. J. Donnelly, and A. V. Porreca. The Cytotoxic Effects of Hemolytic Streptococci on Ascites Tumor Cells

707 R. Bather and Jacqueline Cushing. Endemic Pneumonia Virus Isolated from Malignant Lymphoma in Swiss Mice by 9,10-Dimethyl-1,2-benzanthracene

714 E. Ann Burgess and B. Sylvén. Lactic Dehydrogenase Activity in Plasma and Interstitial Fluid during Growth of Mouse Tumors

720 Agnes B. Russfield, Gladys Friedler, and J. K. Frenkel. Biological Characteristics of Two Transplantable Pituitary Tumors of Syrian Hamsters


734 I. G. Walker and C. W. Helleiner. The Sensitivity of Cultured Mammalian Cells in Different Stages of the Division Cycle to Nitrogen and Sulfur Mustards

739 G. A. LePage and Irene G. Junga. Use of Nucleosides in Resistance to 6-Thioguanine

744 Veronica Armaghan. Effect of Chemotherapy on I.R.C. 741 Leukemia in Fischer Rats. II. Sublines Developed by Treatment with Dimethylbenzimidazole

751 Ralph F. Kampschmidt and Gloria A. Schultz. Absence of Toxohormone in Rat Tumors Free of Bacterial Contamination

756 Ralph F. Kampschmidt and Herbert P. Upchurch. Effect of Bacterial Contamination of the Tumor on Tumor-Host Relationships


770 H. Grossfeld, M. L. Crossley, and J. B. Allison. Tissue Culture of Treated Tumors

773 Katherine M. Herrold and Lucia J. Dunham. Induction of Tumors in the Syrian Hamster with Diethylnitrosamine (N-Nitrosodiethylamine)

778 Robert T. Bickenstaff and Emerson L. Foster. Evaluation of Several Steroid Seroflocculants

785 Charles Huggins and Ryo Fukunishi. Mammary and Peritoneal Tumors Induced by Intraperitoneal Administration of 7,12-Dimethylbenz(a)anthracene in Newborn and Adult Rats

790 Lionel A. Poirier, James A. Miller, and Elizabeth C. Miller. The N- and Ring-Hydroxylation of 2-Acetylaminofluorene and the Failure To Detect N-Acetylation of 2-Aminofluorene in the Dog