Contents

Volume 22 • No. 4 • May 1962

THIS ISSUE CONSISTS OF TWO PARTS. THIS IS PART 1


398 E. Reid. Significant Biochemical Effects of Hepatocarcinogens in the Rat: A Review

431 J. Paul. The Cancer Cell in Vitro: A Review

441 Barnett M. Levy. Experimental Induction of Tumor-like Lesions of the Notochord of Fish

443 David S. Yohn, William McD. Hammon, Robert W. Atchison, and Bruce C. Casto. Serial Heterotransplantation of Human Adenocarcinoma #1 in the Cheek Pouch of Unconditioned Adult Syrian Hamsters

449 Russell Hilf, Valentina W. Cowett, Minnie L. Johnson, and Aleck Borman. The Effect of Sarcoma 180 and Other Stressing Agents upon Adrenal Nucleic Acids

456 M. Revel and P. Mandel. Effect of an Induced Synthesis of Pyridine Nucleotides in Vivo on the Metabolism of Ribonucleic Acid

463 C. Olson, A. J. Luedke, and D. F. Brobst. Induced Immunity of Skin, Vagina, and Urinary Bladder to Bovine Papillomatosis

469 Robert W. Park, James F. Holland, and Anita Jenkins. Urinary Purines in Leukemia

478 Edwin R. Fisher and Bernard Fisher. Experimental Studies of Factors Influencing Hepatic Metastases. X. Effect of Reticuloendothelial Stimulation


492 O. Nilsson. Electron Microscopy of the Human Endometrial Carcinoma

495 Fred Rosen and Charles A. Nichol. Inhibition of the Growth of an Amethopterin-refractory Tumor by Dietary Restriction of Folic Acid

501 Irving Zeidman. The Fate of Circulating Tumor Cells. II. A Mechanism of Cortisone Action in Increasing Metastases

504 John A. Montgomery, Frank M. Schabel, Jr., and Howard E. Skipper. Experimental Evaluation of Potential Anticancer Agents. IX. The Ribonucleosides and Ribonucleotides of Two Purine Antagonists


520 Books Received

521 Announcements