Contents

313 Harris Busch, Paul Byvoet, and Karel Smetana. The Nucleolus of the Cancer Cell: A Review

340 K. Nishio, K. B. Jacobson, V. K. Jenkins, and A. C. Upton. Studies on Plasma Lactic Dehydrogenase in Mice with Myeloid Leukemia. I. Relation of Enzyme Level to Course of Disease

344 K. B. Jacobson and K. Nishio. Studies on Plasma Lactic Dehydrogenase in Mice with Myeloid Leukemia. II. On the Site of Production of the Enzyme

349 Peter J. Dawson, A. Howard Fieldsteel, and Warren L. Bostick. Pathologic Studies of Friend Virus Leukemia and the Development of a Transplantable Tumor in BALB/c Mice

355 A. Howard Fieldsteel, Peter J. Dawson, and Warren L. Bostick. Viral Studies on Generalized Friend Disease and a Tumor Variant in BALB/c and Related Hybrid Mice

363 U. Del Monte and C. B. Rossi. Glucose Supply by the Living Host and Glycolysis of Yoshida Ascites Hepatoma in Vivo

368 J. F. Foley, B. J. Kennedy, and J. D. Ross. A Factor from HeLa Cells Promoting Colonial Growth of Human Fibroblast-like Cells in Culture

372 George Crile, Jr. The Effects of Heat and Radiation on Cancers Implanted on the Feet of Mice

381 Phyllis B. Blair. Neutralization of the Mouse Mammary Tumor Virus by Rabbit Antisera against CSHf Tissue

385 Tetsuo Ono, Van R. Potter, H. C. Pitot, and H. P. Morris. Metabolic Adaptations in Rat Hepatomas. III. Glucose-6-phosphate Dehydrogenase and Pyrimidine Reductases

392 R. H. Bottomley, H. C. Pitot, and H. P. Morris. Metabolic Adaptations in Rat Hepatomas. IV. Regulation of Threonine and Serine Dehydrogenase


410 F. E. Durr and B. A. Briody. Interaction of Vaccinia Virus with Adenocarcinoma 755

415 Nathan Trainin. Adrenal Imbalance in Mouse Skin Carcinogenesis

420 G. D. Birnie and Charles Heidelberger. In Vitro Synthesis of Acid-soluble Thymine Compounds by Human Neoplastic Tissues

431 Giulio C. Perri, James G. Cappuccino, Margrit Faulk, Jane Mellors, and C. Chester Stock. Variations of the Content of Lysozyme in Normal Rats and in Rats Bearing Jensen Sarcoma Following Surgery


444 William A. Creasey, Martin E. Fink, Robert E. Handschumacher, and Paul Calabresi. Clinical and Pharmacological Studies with 2',3',5'-Triacetyl-6-azauridine

454 Jay S. Roth, B. Sheid, and H. P. Morris. Some Observations on the Deamination of Deoxynucleotides and Deoxynucleosides by Normal Rat Liver and Hepatomas

462 W. A. Creasey and R. C. Haff. Studies on the Biochemistry and Pharmacology of 6-Uracil Methyl Sulfone

468 Julia McCain Lampkin-Hibbard, Kanai L. Mukherjee, and Charles Heidelberger. Effect of Steroids and Fluoropyrimidines on Lymphomas. II. In Vivo Studies on Tumor Resistance and Collateral Sensitivity

477 Charles Huggins and Lorraine C. Grand. Sarcoma Induced Remotely in Rats Fed 3-Methylcholanthrene


485 Aaron Miller, John F. Sullivan, and Jay H. Katz. Sialic Acid Content of the Erythrocyte and of an Ascites Tumor Cell of the Mouse

491 J. Frank Henderson. Inhibition of Purine Metabolism in Ehrlich Ascites Carcinoma Cells by Phenanthridinium Compounds Related to Ethidium Bromide

496 Announcements

Travel Expense Regulations for Annual A.A.C.R. Meeting in Toronto

14th Annual Meeting of the Tissue Culture Association