

Cancer Research

The Official Organ of the AMERICAN ASSOCIATION FOR CANCER RESEARCH, INC.

Contents

Volume 25 · No. 4 · May 1965

THIS ISSUE CONSISTS OF TWO PARTS. THIS IS PART 1

- 423 **William L. Money, Patricia Typond, and Rulon W. Rawson.** The Growth and Function of Thiouracil-Induced Thyroid Tumors Transplanted into Non-inbred Rats Thymectomized at Birth.
- 432 **Wolff M. Kirsch.** Substrates of Glycolysis in Intracranial Tumors during Complete Ischemia.
- 440 **W. C. Hueper.** Are Sugars Carcinogens? An Experimental Study.
- 444 **M. R. A. Fernandes and Irena Koprowska.** The Usefulness of Tissue Culture Cell Lines in the Development of Ascites Tumors from a Transplantable Squamous Cell Carcinoma.
- 451 **Mohammed A. Attia, Kenneth B. DeOme, and David W. Weiss.** Immunology of Spontaneous Mammary Carcinomas in Mice. II. Resistance to a Rapidly and a Slowly Developing Tumor.
- 458 **Bengt Sylvén and Ingeborg Bois-Svensson.** On the Chemical Pathology of Interstitial Fluid. I. Proteolytic Activities in Transplanted Mouse Tumors.
- 469 **Joseph H. Burchenal, V. C. Gregg, S. P. Lancaster, R. Hirt, R. Berchtold, R. Fischer, and R. Balsiger.** Prevention by Sulfonic and Phosphoric Analogs of the Terephthalanilide Inhibition of Leukemia P815Y *in Vitro*.
- 472 **Chev Kidson and K. S. Kirby.** Selective Alteration of Rapidly-Labeled Ribonucleic Acid Synthesis in Rat Liver during Azo-Dye Carcinogenesis.
- 477 **Kazuo Sato and G. A. LePage.** Metabolic Effects of an Antibiotic, NSC-51954, on Susceptible and Resistant Tumor Cells.
- 484 **David S. Yohn, William McD. Hammon, and Robert W. Atchison.** Influence of Implant Site on the Immunologic Response of Unconditioned Syrian Hamsters to Heterotransplantable Human Tumors.
- 490 **M. S. C. Birbeck and D. N. Wheatley.** An Electron Microscopic Study of the Invasion of Ascites Tumor Cells into the Abdominal Wall.
- 499 **Paul A. Morse, Jr. and Van R. Potter.** Pyrimidine Metabolism in Tissue Culture Cells Derived from Rat Hepatomas. I. Suspension Cell Cultures Derived from the Novikoff Hepatoma.
- 509 **Glenn A. Gentry, Paul A. Morse, Jr., David H. Ives, Ronald Gebert, and Van R. Potter.** Pyrimidine Metabolism in Tissue Culture Cells Derived from Rat Hepatomas. II. Thymidine Uptake in Suspension Cultures Derived from the Novikoff Hepatoma.
- 517 **Glenn A. Gentry, Paul A. Morse, Jr., and Van R. Potter.** Pyrimidine Metabolism in Tissue Culture Cells Derived from Rat Hepatomas. III. Relationship of Thymidine to the Metabolism of Other Pyrimidine Nucleosides in Suspension Cultures Derived from the Novikoff Hepatoma.
- 527 **Miriam M. Poirier, James A. Miller, and Elizabeth C. Miller.** The Carcinogenic Activities of *N*-Hydroxy-2-acetylaminofluorene and Its Metal Chelates as a Function of Retention at the Injection Site.
- 534 **Shigeru Fujimoto.** Studies on Estimation of Catalase Activity by the Use of Titanium Sulfate.
- 539 **Josephine See Salser and M. Earl Balis.** The Mechanism of Action of 6-Mercaptopurine. I. Biochemical Effects.
- 544 **Josephine See Salser and M. Earl Balis.** The Mechanism of Action of 6-Mercaptopurine. II. Basis for Specificity.
- 552 **Kihyoe Ichinoe, Jeffrey P. Chang, and Clarmon A. Sumrall.** Chemical and Histochemical Study of the Effect of Transplanted Tumor upon Activity of Adrenal Nicotinamide Adenine Dinucleotide Phosphate Diaphorase in Rats.
- 565 **Christiane Dosne de Pasqualini, A. Pavlovsky, C. Vasquez, E. A. D. Holmberg, and S. L. Rabasa.** Leukemia of Short Latency in Mice Injected with Human Malignant Tissue by Intrasplenic Route.
- 575 **George S. Nakai and Charles G. Craddock.** Acid-soluble Nucleotides in Leukemic Cells.
- 579 **Announcements**
- 580 **Books Received**

Cancer Research

The Journal of Cancer Research (1916–1930) | The American Journal of Cancer (1931–1940)

25 (4 Part 1)

Cancer Res 1965;25:423-580.

Updated version Access the most recent version of this article at:
http://cancerres.aacrjournals.org/content/25/4_Part_1.citation

E-mail alerts [Sign up to receive free email-alerts](#) related to this article or journal.

Reprints and Subscriptions To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

Permissions To request permission to re-use all or part of this article, use this link http://cancerres.aacrjournals.org/content/25/4_Part_1.citation. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.