CONTENTS

Asterisks * preceding page numbers refer to studies using human-derived material.


BASIC SCIENCES

4918 Correlation between Activation of Quiescent 3T3 Cells by Retinoic Acid and Increases in Uridine Phosphorylation and Cellular RNA Synthesis. Eliezer Rapaport, Edward W. Schroder, Alisa Kastan Kabcenell, and Paul H. Black.

4921 Response of Aerobic and Hypoxic Cells in a Solid Tumor to Adriamycin and Cyclophosphamide and Interaction of the Drugs with Radiation. Ian Tannock.


4954 Effect of Short-Term Feeding of Sodium Selenite on 7,12-Dimethylbenz(a)anthracene-induced Mammary Carcinogenesis in the Rat. Henry J. Thompson, L. David Meeker, Peter J. Becci, and Stephen Kokeska.


4979 An Unusual Transfer RNA (Guanine-2)-methyltransferase from Transplantable Rat Mammary Tumors. Karen J. Brunke and Phoebe S. Leboy.

*4985 Reactivity of Serum-armed Xenogeneic Macrophages to Breast Cancer Antigens. Lester F. Harris, Lynda L. Miller, and David F. Hickok.


5004 Methyl-accepting RNA in 13762 Mammary Adenocarcinoma Correlated with Low Adenine Methyltransferase Levels. Carlos E. Salas, Barbara D. Uschmann, and Phoebe S. Leboy.

5010 Hormonally Responsive versus Unresponsive Progression of Prostatic Cancer to Antiandrogen Therapy as Studied with the Dunning R-3327-AT and -G Rat Adenocarcinomas. John T. Isaac.

*5015 Effect of Methotrexate on Incorporation and Excision of 5-Fluorouracil Residues in Human Breast Carcinoma DNA. David J. Herrick, Pierre P. Major, and Donald W. Kufe.


5038 Inhibition of Tumor Growth in Association with Modifications of In Vivo Immune Response by Indomethacin and Polyinosinic: Polycytidylic Acid. Michael J. Droller and Diana Gomolka.
5231 Enhanced Radiation Lethality in Partially Synchronized Solid Mouse Tumors. Takeshi Todoroki, Sachiko Koike, Hiroshi Tsunemoto, and Ikuo Watanabe.


CLINICAL INVESTIGATIONS


5255 Pharmacokinetics of (+)-1,2-Di(3,5-dioxopiperazin-1-yl)propane Intravenous Infusions in Adult Cancer Patients. Robert H. Earhart, Kendra D. Tutsch, Jim M. Koeller, Rey Rodriguez, H. Ian Robins, Charles L. Vogel, Hugh L. Davis, and Douglass C. Tormey.


5265 Urine Levels of N-{9-(\(\beta\)-D-Ribofuranosyl)purin-6-ylcarbamoyl}-L-threonine, \(N^6\)-(\(\Delta\)2-isopentenyl)adenosine, and 2''-O-Methylguanosine as Determined by Radioimmunoassay for Normal Subjects and Cancer Patients. Barbara S. Vold, Duane E. Keith, Jr., and Milan Slavik.


5276 Announcements

5278 Books Received

5279 Acknowledgment to Reviewers

5287 Author Index

5288 Statement of Ownership, Management and Circulation

See December Part 2 for Volume 42 Author and Subject Indices, and Contents.