


3478 Site-specific Metastasis of Mouse Melanomas and a Fibrosarcoma in the Brain or Meninges of Syngeneic Animals. Gabriele Schackert and Isaiah J. Fidler.


3502 Hormonal Regulation of CA125 Tumor Marker Expression in Human Ovarian Carcinoma Cells: Inhibition by Glucocorticoids. Beth Y. Karlan, Waheeda Amin, Scott E. Casper, and Bruce A. Littlefield.

3507 Fibrin-Fibronectin Compounds in Human Ovarian Tumor Ascites and Their Possible Relation to the Tumor Stroma. Olaf Wilhelm, Reimar Hafer, Eva Coppenrath, MaryAnn Pflanz, Manfred Schmitt, Rudolf Babic, Reinhold Linke, Wolfgang Gössner, and Henner Graeff.

CLINICAL AND EPIDEMIOLOGICAL INVESTIGATIONS


3550 Erratum

Cancer Research
VOLUME 48 • NUMBER 12
CONTENTS Arranged by Subject Category

BASIC SCIENCES

Biochemistry and Biophysics

*3324 Role of Protein Kinase C in Phosphorylation of Vinculin in Ad-riamyans-resitant HL-60 Leukemia Cells. Angelo Aquino, Kathleen D. Hartman, Marian C. Knodle, Steven Grant, Kuop-ping Huang, Chien-Hua Niu, and Robert I. Glazer.


3381 Zinc Metabolism in Ehrlich Cells: Properties of a Metallothio-nein-like Zinc-binding Protein. Alan J. Krakr, Glenn Krakower, C. Frank Shaw III, David H. Petering, and Justine S. Garvey.


*3507 Fibrin-Fibronectin Compounds in Human Ovarian Tumor Ascites and Their Possible Relation to the Tumor Strom. Olaf Wilhelm, Reimar Hafter, Eva Coppenrath, MaryAnn Pflanz, Manfred Schmitt, Rudolf Babic, Reinhold Linke, Wolfgang Gössner, and Henner Graeff.

Carcinogenesis

3313 Inhibition by Dietary Ethanol of Experimental Colonic Carcinogenesis Induced by High-Dose Azoxythane in F344 Rats. Stanley R. Hamilton, Ock Soon Sohn, and Emeric S. Fiala.


3347 Metabolism of the Z and E Isomers of N-Nitroso-N-methyl-(2-oxopropyl)amine by Rat Hepatocytes. James G. Farrelly, Mary L. Stewart, David W. Farnsworth, and Joseph E. Saavedra.

*3418 Cytidine 5'-Triphosphate-dependent Dolichol Kinase and Dol-ichol Phosphatase Activities and Levels of Dolichol Phosphate in Microsomal Fractions from Highly Differentiated Human Hepa-tomas. Ivan Eggens, Johan Ericsson, and Örjan Tollbom.


Immunology

*3330 Nature of Linkage and Mode of Action of Methotrexate Conju-gated with Antitumor Antibodies: Implications for Future Prepa-

3374 Motility and Tumoricidal Activity of Interleukin-2-stimulated Lymphocytes. Stuart Ratner and Gloria H. Hepner.


Molecular Biology and Genetics

3490 Further Evidence for the Involvement of Gap-Junctional Inter-cellular Communication in Induction and Maintenance of Transformed Foci in BALB/c 3T3 Cells. Hiroshi Yamazaki and Fumitaka Katoh.

Preclinical Pharmacology and Experimental Therapeutics

*3319 Increased Growth Inhibition and DNA Lesions in Human Colon Adenocarcinoma Cells Treated with Methotrexate or 5-Fluoredoxyuridine followed by Calmodulin Inhibitors. Ulf Lönn and Sigrid Lönn.

3350 Modification of Photodynamic Therapy-induced Hypoxia by Flu-oxol-DA (20%) and Carbogen Breathing in Mice. Victor H. Fingar, Thomas S. Mang, and Barbara W. Henderson.


Tumor Biology


*3336 Polyamine Metabolism and Interconversion in NIH 3T3 and rad-transfected NIH 3T3 Cells. Rajabu Pakala, Miriam Kreisel, and Uriel Bachrach.

*3355 cis-Diaminedichloroplatinum(II)-resistant Sublines Derived from Two Human Ovarian Tumor Cell Lines. Peter J. K. Kuppen, Hanneke Schuitmaker, Laura J. van't Veer, Ernst A. de Bruijn, Allan T. van Oosterom, and Peter I. Schrier.
3405 Invasiveness in Hepatocyte and Fibroblast Monolayers and Metastatic Potential of T-Cell Hybridomas in Mice. Geertje la Rivière, Cor A. Schipper, John G. Collard, and Ed Roos.

3411 Flow Cytometric Analysis of DNA Ploidy in Canine Mammary Tumors. Gerard R. Rutteman, Cees J. Cornelisse, Nel J. Dijkshoorn, Jan Poortman, and Wim Misardorp.


3435 Induction of Sister Chromatid Exchanges and Chromosomal Aberrations by Busulfan in Philadelphia Chromosome-positive Chronic Myeloid Leukemia and Normal Bone Marrow. Reinhard Becher and Gabriele Prescher.


3478 Site-specific Metastasis of Mouse Melanomas and a Fibrosarcoma in the Brain or Meninges of Syngeneic Animals. Gabriele Shackert and Isaiah J. Fidler.

3502 Hormonal Regulation of CA125 Tumor Marker Expression in Human Ovarian Carcinoma Cells: Inhibition by Glucocorticoids. Beth Y. Karlan, Waheeda Amin, Scott E. Casper, and Bruce A. Littlefield.

CLINICAL AND EPIDEMIOLOGICAL INVESTIGATIONS

Clinical


NOTE: Application for membership in the American Association for Cancer Research available in the back of this issue.


Epidemiological


3515 Prediagnostic Serum Hormones and the Risk of Prostate Cancer. Abraham Nomura, Lance K. Heilbrun, Grant N. Stemmermann, and Howard L. Judd.


Meeting Report

3544 Rare Events as Clues to Cancer Etiology: The Eighteenth Annual Symposium of the Princess Takamatsu Cancer Research Fund. Robert W. Miller.

3549 Announcements

Exciting Programs Scheduled for AACR’s New Series of Meetings
Future Annual Meetings of the AACR
Collected Perspectives
Calendar of Events

3550 Erratum


3551 Author Index