CONTENTS

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

1059 Positional Specificity for Methyl-n-aminitrosamine Hydroxylation by Cytochrome P-450 Isozymes Determined with Monoclonal Antibodies. Sidney S. Mirvish, Qin Huang, Chuan Ji, Shuhe Wang, Sang S. Park, and Harry V. Gelboin.


*1105 Phase I Clinical Trial of Fazarabine as a Twenty-four-Hour Continuous Infusion. Howard Bailey, Kendra D. Tutsch, Rhoda Z. Arzoumanian, Mary B. Tombes, Donna Alberti, Joan Bruggink, and George Wilding.


*1124 Role of Natural Killer and T-Cells in Interferon Induced Inhibition of Spontaneous Metastases of the B16F10L Murine Melanoma. Patricia L. Brubaker, and Daniel J. Drucker.

*1129 Antagonism between Camptothecin and Topoisomerase II-directed Chemotherapeutic Agents in a Human Leukemia Cell Line. Scott H. Kaufmann.

*1137 Stage-specific Increases in Cathepsin B Messenger RNA Content in Human Colorectal Carcinoma. Mary Jo Murnane, Kieran Sheahan, Metin Ozdemirli, and Sania Shuja.


*1165 Camptothecin, Teniposide, or 4'-(9-Acridinylamino)-3-methanesulfon- m-anisidine, but not Mitoxantrone or Doxorubicin, Induces Degradation of Nuclear DNA in the S Phase of HL-60 Cells. Giacinta Del Bino and Zbigniew Darzynkiewicz.

1170 Specific Immunosuppressive Activity of Epiglycanin, a Mucin-like Glycoprotein Secreted by a Murine Mammary Adenocarcinoma (TA3-HA). Peter Y. S. Fung and B. Michael Longenecker.


1185 Reduced Tumorigenicity of Murine Tumor Cells Secreting γ-Interferon Is Due to Nonspecific Host Responses and Is Unrelated to Class I Major Histocompatibility Complex Expression. Noriko Esumi, Barbara Hunt, Yoshiyuki Itaya, and Philip Frost.

*1190 Intercellular Transfer of Drug Resistance. Oskar S. Frankfurt, Daniel Seckinger, and Everett V. Sugarbaker.

1196 Differential Glucocorticoid Regulation of Glucagon Gene Expression in Cell Lines Derived from Rat and Hamster Islet Cell Tumors. Chun Wang, Robert V. Campos, Kathy M. Stobie, Patricia L. Brubaker, and Daniel J. Drucker.


1217 Enhancement of 1,3-Bis(2-chloroethyl)-1-nitrosourea Resistance by γ-Irradiation or Drug Pretreatment in Rat Hepatoma Cells. Yvette Habraken and Françoise Laval.


*1227 Sex Steroid and 1,25-Dihydroxyvitamin D3 Receptors in Human Colorectal Adenocarcinoma and Normal Mucosa. Farid Meggouh, Patrice Lointier, and Simone Saez.

§ The CONTENTS arranged by Subject Category can be found immediately following these CONTENTS.


Biosynthesis of O-Glycans in Leukocytes from Normal Donors and from Patients with Leukemia: Increase in O-Glycan Core 2 UDP-GlcNAc:Galβ3GalNAco-R (GlcNAc to GalNAc)β(1-6)-N-Acetylgalcosaminyltransferase in Leukemic Cells. I. Brockhausen, W. Kuhns, H. Schachter, K. L. Matta, R. Sutherland, and M. A. Baker.

Induction of Invasive Carcinomas in the Accessory Sex Organs Other Than the Ventral Prostate of Rats Given 3,2'-Dimethyl-4-aminobiphenyl and Testosterone Propionate. Tomoyuki Shirai, Seiko Tamano, Toshio Kato, Shogo Iwasaki, Satoru Takahashi, and Nobuyuki Ito.


Synergy between Hepatitis B Virus Expression and Chemical Hepatocarcinogens in Transgenic Mice. Stewart Sell, John M. Hunt, Harold A. Dunsford, and Francis V. Chisari.


Upregulation of Epidermal Growth Factor Receptor Induced by α-Interferon in Human Epidermoid Cancer Cells. Alfredo Budillon, Pierosandro Tagliaferri, Michele Caraglia, Maria Rosaria Torrisi, Nicola Normanno, Stefano Iacobelli, Giovannella Palmieri, Maria Patrizia Stoppelli, Luigi Frati, and Angelo Raffaele Bianco.

Expression of the Natural Killer Cell-associated Antigens CD56 and CD57 in Human Neural and Striated Muscle Cells and in Their Tumors. Gunhild Mechtersheimer, Martina Staudter, and Peter Möller.


Monoclonal Antibody PD41 Recognizes an Antigen Restricted to Prostate Adenocarcinomas. Mary Lou Beckett, Grayson B. Lipford, Cara L. Haley, Paul F. Schellhammer, and George L. Wright, Jr.


Measurement of Capillary Filtration Coefficient in a Solid Tumor. Eva Marie Sevick and Rakesh K. Jain.

Eighty-second Annual Meeting of the AACR
AACR Special Conferences in Cancer Research
Future Annual Meetings of the AACR
Recent Deaths
Calendar of Events

Author Index


Antagonism between Camptothecin and Topoisomerase II-directed Chemotherapeutic Agents in a Human Leukemia Cell Line. Scott H. Kaufmann.

Camptothecin, Teniposide, or 4’-(9-Acridinylamino)-3-methanesulfon-m-anisidide, but not Mitoxantrone or Doxorubicin, Induces Degradation of Nuclear DNA in the S Phase of HL-60 Cells. Giacinta Del Bino and Zbigniew Darzynkiewicz.

Intercellular Transfer of Drug Resistance. Oskar S. Frankfurt, Daniel Seckinger, and Everett V. Sugarbaker.


Tumor Biology

Stage-specific Increases in Cathepsin B Messenger RNA Content in Human Colorectal Carcinoma. Mary Jo Murnane, Kieran Sheahan, Metin Ozdemirli, and Sania Shuja.


Upregulation of Epidermal Growth Factor Receptor Induced by α-Interferon in Human Epidermoid Cancer Cells. Alfredo Budillon, Pierosandro Tagliaferri, Michele Caraglia, Maria Rosaria Torrisi, Nicola Normanno, Stefano Iacobelli, Giovanniella Palmieri, Maria Patrizia StoppeU, Luigi Frati, and Angelo Raffaele Bianco.


CLINICAL AND EPIDEMIOLOGICAL INVESTIGATIONS

Clinical


Phase I Clinical Trial of Fazarabine as a Twenty-four-Hour Continuous Infusion. Howard Bailey, Kendra D. Tutsch, Rhoda Z. Arzoumanian, Mary B. Tombe, Dona Alberti, Joan Bruggink, and George Wilding.

Epidemiological


Advances in Brief

Measurement of Capillary Filtration Coefficient in a Solid Tumor. Eva Marie Sevick and Rakesh K. Jain.

Eighty-second Annual Meeting of the AACR

Recent Deaths

Calendar of Events

Author Index

NOTE: AACR forms available in the back of this issue—
- Application for Active and Corresponding Membership
- Application for Associate Membership
- Advance Registration Form for the 82nd Annual Meeting

Also available in the back of this issue—
GUIDELINES FOR SUBMITTING DISKETTES TO CANCER RESEARCH