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

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

BASIC SCIENCES


2759 Inhibition of Chemically Induced Mammary and Colon Tumor Promotion by Caloric Restriction in Rats Fed Increased Dietary Fat. David M. Klurfeld, Maxine M. Weber, and David Kritchevsky.

*2763 Presence of Cytidine 5'-Monophospho-N-acetylaceuraminic Acid: Galβ1-3GalNAc-R or(2-3)-Sialyltransferase in Normal Human Leukocytes and Increased Activity of This Enzyme in Granulocytes from Chronic Myelogenous Leukemia Patients. M. A. Baker, A. Kanani, I. Brockhausen, H. Schachter, A. Hindenburg, and R. N. Taub.


*2787 Identification and Androgen Regulation of Two Proteins Released by Tp,D Human Breast Cancer Cells. D. Chalbos, D. Haagensen, Yasuhiko Kano, and Daisuke Yamasaki.


*2799 Inhibition of Human Erythrocyte Inositol Lipid Metabolism by Adriamycin. Michael G. Thompson, Suresh B. Chahwala, and John A. Hickman.


2821 Relative Abilities of Bis(ethyl) Derivatives of Putrescine, Spermidine, and Spermine to Regulate Polyamine Biosynthesis and Inhibit L1210 Leukemia Cell Growth. Carl W. Porter, Jim McManis, Robert A. Casero, and Raymond J. Bergeron.


*2860 Phosphorylation of the M7, 170,000 to 180,000 Glycoprotein Specific to Multidrug-resistant Tumor Cells: Effects of Verapamil, Trifluoperazine, and Phorbol Ester. Hirofumi Hamada, Ken-Ichi Fumio, Terumi Nakajima, and Takashi Tsuruo.

2866 Characterization of the Effects Induced on DNA in Mouse and Hamster Cells by Lithocholic Acid. Patrizia Russo, Maurizio Taningher, Mauro Pala, Viviana Pisano, Piera Pedemonte, Maria Teresa De Angeli, Sebastiano Carlone, Leonardo Santi, and Silvio Parodi.


*2883 Immunohistochemical Study of the Expression of a M, 34,000 Human Epithelial-specific Surface Glycoprotein in Normal and Malignant Tissues. Frank Momburg, Gerhard Moldenhauer, Günter J. Hämmerling, and Peter Möller.


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


2919 Association of Colorectal Tumor Epithelium Expressing HLA-D/DR with CD8-positive T-Cells and Mononuclear Phagocytes. Catherine A. Allen and Nancy Hogg.

2924 Cell Surface Membrane Antigen Present on Neuroblastoma Cells but Not Fetal Neuroblasts Recognized by a Monoclonal Antibody (KP-NAC8). Takafumi Matsumura, Tohru Sugimoto, Tadashi Sawada, Takashi Amagai, Shigeru Negoro, and John T. Kemshead.

2931 Expression of \( \alpha \)-myc and c-src during the Development of Fetal Human Brain. Eileen F. Grady, Manfred Schwab, and Werner Rosenau.

2937 Differential Effects of Steroid Hormones on Parameters of Cell Growth. Philippa D. Darbre and Roger J. B. King.


2955 Responses of NBT-II Bladder Carcinoma Cells to Conditioned Medium from Normal Fetal Urogenital Sinus. David R. Rowley and Donald J. Tindall.

2961 Isolation of Human KB Cell Lines Resistant to Epidermal Growth Factor-\( \alpha \)-Pseudomonas Exotoxin Conjugates. Raymond M. Lyall, Jaulang Hwang, Carol Cardarelli, David FitisGerald, Shin-Ichi Akiyama, Michael M. Gottesman, and Ira Pastan.

2967 Transient and Stable Complementation of Ultraviolet Repair in Xeroderma Pigmentosum Cells by the \( \psi \)-gene of Bacteriophage T4. Kristoffer Valeric, Anthony P. Green, Jon K. de Riel, and Earl E. Henderson.

CLINICAL AND EPIDEMIOLOGICAL INVESTIGATIONS


2978 A Case-Control Study of Multiple Myeloma in Whites: Chronic Antigenic Stimulation, Occupation, and Drug Use. Martha S. Linet, Sioban D. Harlow, and Joseph K. McLaughlin.


2986 Phase I Study of Recombinant Tumor Necrosis Factor in Cancer Patients. Mark Blick, Stephen A. Sherwin, Michael Rosenblum, and Jordan Gutterman.

2990 Phase I and Clinical Pharmacological Study of 4-Demethoxydaunorubicin (Idarubicin) in Children with Advanced Cancer. Charlotte T. C. Tan, Counce Hancock, Peter Steinherz, David M. Bacha, Laurel Steinherz, Enrique Luks, Naomi Winick, Paul Meyers, Anna Mondora, Ester Dantis, Donna Niedzwicki, and Yee-Wan Stevens.

2996 Pharmacokinetics of Trimetrexate Administered by Five-Day Continuous Infusion to Patients with Advanced Cancer. Phillip A. Reece, Raymond G. Morris, James F. Bishop, Ian N. Olver, and Derek Raghavan.


3005 Saturation of 1-\( \beta \)-\( \alpha \)-D-Arabinofuranosylcytosine 5'-Triphosphate Accumulation in Leukemia Cells during High-Dose 1-\( \beta \)-\( \alpha \)-D-Arabinofuranosylcytosine Therapy. William Plunkett, Jan O. Lillemark, Theresa M. Adams, Billie Nowak, Elihu Estey, Hagop Kantarjian, and Michael J. Keating.


3037 Author Index

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

Biochemistry and Biophysics


2786 Phosphorylation of the M, 170,000 to 180,000 Glycoprotein Specific to Multidrug-resistant Tumor Cells: Effects of Verapamil, Trifluoperazine, and Phorbol Esters. Hirofumi Mamada, Ken-Ichi Hagiwara, Terumi Nakajima, and Takashi Tsuruo.


Carcinogenesis

2795 Inhibition of Chemically Induced Mammary and Colon Tumor Promotion by Caloric Restriction in Rats Fed Increased Dietary Fat. David M. Klurfeld, Maxine M. Weber, and David Kritcheyvsky.


2866 Characterization of the Effects Induced on DNA in Mouse and Hamster Cells by Lithocholic Acid. Patrizia Russo, Maurizio Taningher, Mauro Pala, Viviana Pisano, Piera Pedemonte, Maria Teresa De Angeli, Sebastiano Carlone, Leonardo Santi, and Silvio Parodi.


Endocrinology

2787 Identification and Androgen Regulation of Two Proteins Released by T4, T3 Human Breast Cancer Cells. D. Chalbos, D. Haagensen, T. Parish, and H. Rochefort.

* Indicates studies using human-derived material.
Preclinical Pharmacology and Experimental Therapeutics

* 2799 Inhibition of Human Erythrocyte Inositol Lipid Metabolism by Adriamycin. Michael G. Thompson, Suresh B. Chahwala, and John A. Hickman.


2821 Relative Abilities of Bis(ethyl) Derivatives of Putrescine, Spermidine, and Spermine to Regulate Polyamine Biosynthesis and Inhibit L1210 Leukemia Cell Growth. Carl W. Porter, Jim McManis, Robert A. Casero, and Raymond J. Bergeron.

Tumor Biology


2955 Responses of NBT-II Bladder Carcinoma Cells to Conditioned Medium from Normal Fetal Urogenital Sinus. David R. Rowley and Donald J. Tindall.

CLINICAL AND EPIDEMIOLOGICAL INVESTIGATIONS

Clinical

2986 Phase I Study of Recombinant Tumor Necrosis Factor in Cancer Patients. Mark Blick, Stephen A. Sherwin, Michael Rosenblum, and Jordan Guterman.

EPIDEMIOLOGICAL


2978 A Case-Control Study of Multiple Myeloma in Whites: Chronic Antigenic Stimulation, Occupation, and Drug Use. Martha S. Linet, Siobán D. Harlow, and Joseph K. McLaughlin.


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