CONTENTS*

 Advances in Brief begin on p. 5808.

 PERSPECTIVES IN CANCER RESEARCH

 5575 Aspirin and the Potential Role of Prostaglandins in Colon Cancer. Lawrence J. Marnett.


 5610 Antilymphoma Activity of Human γδ T-Cells in Mice with Severe Combined Immune Deficiency. Vera Malkovska, Francine K. Cigel, Nicholas Armstrong, Barry E. Storer, and Richard Hong.


 5641 Particular Types of Tumor Cells Have the Capacity to Convert Transforming Growth Factor β from a Latent to an Active Form. Hidekazu Takiuchi, Tsuyoshi Tada, Xiao-Fei Li, Masato Ogata, Tatsuhiko Ikeda, Shigeyoshi Fujimoto, Hiromi Fujiwara, and Toshiyuki Hamaoka.


 5681 A Region of Antisense RNA from Human p120 CDNA with High Homology to Mouse p120 CDNA Inhibits NIH 3T3 Proliferation. Benigno C. Valdez, Laszlo Perlaky, Yasuo Saijo, Dale Henning, Chihui Zhu, Rose K. Busch, Wei-Wei Zhang, and Harris Busch.


 5707 Carotenoids Up-Regulate Connexin43 Gene Expression Independent of Their Provitamin A or Antioxidant Properties. Li-Xin Zhang, Robert V. Cooney, and John S. Bertram.


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


5744 Stage-specific Expression of Cancer-associated Type 1 and Type 2 Chain Polylactosamine Antigens in the Developing Pancreas of Human Embryos. Xiao-Hui Tu, Shigeyuki Iita, Junko Nishikata, Tohu Mori, Osamu Tanaka, and Reiji Kannagi.

5752 Estrogen Receptor-directed Radiotoxicity with Anger Elements: Specificity and Mean Lethal Dose. Eugene R. DeSombre, Babak Shafii, Robert N. Hanson, Paola C. Kuivanen, and Alun Hughes.


5770 Cadherin Dysfunction in a Human Cancer Cell Line: Possible Involvement of Loss of a-Catenin Expression in Reduced Cell-Cell Adhesiveness. Yutaka Shimoyama, Akira Nagafuchi, Shin Fujita, Masahiro Gotoh, Masatoshi Takechi, Shoichiro Tsukita, and Setsuo Hirohashi.


5785 Genomic Rearrangements in Mouse CSH/10T½ Cells Transformed by X-Rays, UV-C, and 3-Methylcholanthrene, Detected by a DNA Fingerprint Assay. Benoit Paquette and John B. Little.


5803 Inhibition of Cell Attachment by Selenite. Lin Yan and Gerald D. Frenkel.
Cancer Research
VOLUME 52 • NUMBER 20

CONTENTS Arranged by Subject Category

ADVANCES IN BRIEF


5818 Effective α-Particle-mediated Radioimmunotherapy of Murine Leukemia. Richard B. Huneke, C. Greg Pippin, Robert A. Squire, Martin W. Brechbiel, Otto A. Gansow, and Mette Strand.

5821 Isolation of a Prostate Carcinoma Cell Proliferation-Inhibiting Factor from Human Seminal Plasma and Its Similarity to Transforming Growth Factor β. Balakrishna L. Lokeshwar and Norman L. Block.

5826 Increased Inosine-5'-phosphate Dehydrogenase Gene Expression in Solid Tumor Tissues and Tumor Cell Lines. F. R. Collart, C. B. Chubb, B. L. Mirkin, and E. Huberman.


5845 Tumor Cell Surface-associated Binding Site for the M, 72,000 Type IV Collagenase. Hervé P. Emonard, Albert G. Remacle, Agnès C. Noël, Jean-Alexis Grimaud, William G. Stetler-Stevenson, and Jean-Michel Foidart.

PERSPECTIVES IN CANCER RESEARCH

5575 Aspirin and the Potential Role of Prostaglandins in Colon Cancer. Lawrence J. Marnett.


Carcinogenesis


5635 Chemoprevention of Colon Carcinogenesis by the Synthetic Organoselenium Compound 1,4-Phenylenbis(methylene)selenocynanate. Bandaru S. Reddy, Abraham Rivenson, Nalini Kulkarni, Pramod Upadhyaya, and Karam El-Bayoumy.


5707 Carotenoids Up-Regulate Connexin43 Gene Expression Independent of Their Provitamin A or Antioxidant Properties. Li-Xin Zhang, Robert V. Cooney, and John S. Bertram.


5788 Genomic Rearrangements in Mouse C3H/10T½ Cells Transformed by X-Rays, UV-C, and 3-Methylcholanthrene, Detected by a DNA Fingerprint Assay. Benoit Paquette and John B. Little.

Endocrinology


5752 Estrogen Receptor-directed Radiotoxicity with Auger Electrons: Specificity and Mean Lethal Dose. Eugene R. DeSombre, Babak Shafii, Robert N. Hanson, Paola C. Kuivanen, and Alun Hughes.

Immunology


5744 Stage-specific Expression of Cancer-associated Type 1 and Type 2 Chain Polylactosamine Antigens in the Developing Pancreas of Human Embryos. Xiao-Hui Tu, Shigeyuki Itai, Junko Nishikata, Tohru Mori, Osamu Tanaka, and Reiji Kannagi.
Molecular Biology and Genetics

5681 A Region of Antisense RNA from Human p120 cDNA with High Homology to Mouse p120 cDNA Inhibits NIH 3T3 Proliferation. Benigno C. Valdez, Laszlo Perlaky, Yasuo Sajio, Dale Henning, Cihui Zhu, Rose K. Busch, Wei-Wei Zhang, and Harris Busch.


Preclinical Pharmacology and Experimental Therapeutics


5803 Inhibition of Cell Attachment by Selenite. Lin Yan and Gerald D. Frenkel.

CLINICAL AND EPIDEMIOLOGICAL INVESTIGATIONS


Announcements

Eighty-fourth Annual Meeting of the AACR
New Format for Annual Meetings of the American Association for Cancer Research Beginning in 1994
AACR Special Conferences in Cancer Research 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

Also available in the back of this issue–
GUIDELINES FOR SUBMITTING DISKS TO AACR PUBLICATIONS