CONTENTS

Advances in Brief


9 MCF-10A Cells Infected with the int-2 Oncogene Induce Angiogenesis in the Chick Chorioallantoic Membrane and in the Rat Mesentery. Mario Costa, Romano Danesi, Cristina Agen, Antonello Di Paolo, Fulvio Basolo, Silvia Del Bianchi, and Mario Del Tacc.


41 Alterations of (CA)n DNA Repeats and Tumor Suppressor Genes in Human Gastric Cancer. Nikolai M. Mironov, M. Anne-Marie Aiguebron, Galina I. Potapova, Yasujiro Omori, Oleg V. Gorbunov, Anatoliy A. Klimenkov, and Hiroshi Yamazaki.


Biochemistry and Biophysics

48 Western Blotting and Enzymatic Activity Analysis of Cathepsin D in Breast Tissue and Sera of Patients with Breast Cancer and Benign Breast Disease and of Normal Controls. David C. Schultz, Shamideh Bazal, Lorinda M. Wright, Sandra Tucker, Marianne K. Lange, Thomas Tachovsky, Santo Longo, Sam Niedbala, and Jack A. Alhadeff.


69 Effect of Tumoxifen on Carbachol-triggered Intracellular Calcium Responses in Chicken Granulosa Cells. Paul Morley and James F. Whitfield.

75 Inhibition of Microtubules and Cell Cycle Arrest by a New 1-Deaza-7,8-dihydropyridine Antitumor Drug, C1 980, and by Its Chiral Isomer, NSC 613863. Concepcion Ines, Daniel Leyndayret, Isabel Barasoain, Vincent Peyrot, Patrick Garcia, Claudette Briand, Gregory A. Rener, and Carroll Temple, Jr.


Carcinogenesis

89 CYPIA2-catalyzed Conversion of Dietary Heterocyclic Amines to Their Proximate Carcinogens Is Their Major Route of Metabolism in Humans. Alan R. Boobis, Anthony M. Lynch, Stephen Murray, Rafael de la Torre, Anna Solans, Magí Farré, Jordi Segura, Nigel J. Gooderham, and Donald S. Davies.


Clinical Investigations


120 Urokinase and Plasminogen Activator Inhibitor Type 1 in Pulmonary Adenocarcinoma. Helle Pedersen, Jan Grøndahl-Hansen, Dortehe Francis, Kell Østerrind, Heine Høi Hansen, Keld Dant, and Nils Brünner.

Endocrinology

124 Identification, Characterization, and Biological Activity of Somatostatin Receptors in Human Neuroblastoma Cell Lines. Mario Maggi, Elisabetta Baldi, Giovanna Finetti, Francesco Franceschelli, Alessandro Broccini, Rosavia Lanzillotti, Mario Serio, Maria Gabriella Camboni, and Carol J. Thiele.

Epidemiology


Experimental Therapeutics


Immunology


209 Comparison of Two Antibody-based Methods for Elimination of Breast Cancer Cells from Human Bone Marrow. Arne T. Myklebust, Aslak Godal, Siri Juell, Anne Pharo, and Øystein Fodstad.

Molecular Biology and Genetics


231 p53 Gene Abnormalities Are Closely Related to Hepatoviral Infections and Occur at a Late Stage of Hepatocarcinogenesis. Tadahisa Teramoto, Kazuhiro Satonaka, Sohei Kitazawa, Takahiro Fujimori, Kozaburo Hayashi, and Sakan Maeda.

236 Telomere Shortening in Renal Cell Carcinoma. Christer Meule, Börje Ljungberg, and Göran Roos.


Tumor Biology


261 Role of Activated Protein C in Facilitating Basement Membrane Invasion by Tumor Cells. Hiroshi Kobayashi, Nobuhiko Moniwa, Junko Gotoh, Motoi Sugimura, and Toshihiko Terao.


272 Complementary DNA Cloning and Characterization of Truncated Form of c-kit in Human Colon Carcinoma Cells. Minoru Toyota, Yuji Hinoda, Fumio Itoh, Akinori Takaoka, Koizoh Imai, and Akira Yachi.


E-Cadherin and α-Catenin Expression in Human Esophageal Cancer. Takatoshi Kadowaki, Hitoshi Shiozaki, Masatoshi Inoue, Shigeyuki Tamura, Hiroshi Oka, Yuichiro Doki, Keisuke Iihara, Shigeo Matsui, Takashi Iwazawa, Akira Nagafuchi, Shoichiro Tsukita, and Takesada Mori.


### Updated version
Access the most recent version of this article at:
[http://cancerres.aacrjournals.org/content/54/1.citation](http://cancerres.aacrjournals.org/content/54/1.citation)

### E-mail alerts
Sign up to receive free email-alerts related to this article or journal.

### Reprints and Subscriptions
To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

### Permissions
To request permission to re-use all or part of this article, contact the AACR Publications Department at permissions@aacr.org.