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 Tacca.


 25 Progression of Basal Cell Carcinoma through Loss of Chromosome 9q and Inactivation of a Single p53 Allele. Peter van der Riet, Debra Karp, Evan Farmer, Qingyi Wei, Lawrence Grossman, Kaori Tokino, Joseph Michael Ruppert, and David Sidransky.


 41 Alterations of (CA)n- Repeat Numbers and Tumor Suppressor Genes in Human Gastric Cancer. Nikolai M. Mironov, M. Anne-Marie Aquelon, Galina I. Potapova, Yasufumi Omori, Oleg V. Gorbunov, Anatolii 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 Bazel, Lorinda M. Wright, Sandra Tucker, Marianne K. Lange, Thomas Tachovsky, Santo Longo, Sam Niedbala, and Jack A. Alhadeff.


 69 Effect of Tamoxifen 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-dihydropteridine Antitumor Drug, C1 980, and by Its Chiral Isomer, NSC 613863. Concepcion de Ines, Daniel Leyndayr, Isabel Barasoaio, Vincent Peyrot, Patrick Garcia, Claudette Briand, Gregory A. Rener, and Carroll Temple, Jr.


 Carcinogenesis

 89 CYP1A2-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, Rafaela de la Torre, Anna Solans, Magi Farré, Jordie Segura, Nigel J. Gooderham, and Donald S. Davies.


 Clinical Investigations


120 Urokinase and Plasminogen Activator Inhibitor Type 1 in Pulmonary Adenocarcinoma. Helle Pedersen, Jan Grandahl-Hansen, Dortehe Francis, Kell Østerlund, Heine Høi Hansen, Keld Danst, 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 Brocchi, Rosvana 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 Foddstad.

**Molecular Biology and Genetics**

215 Low Incidence of Point Mutations Detected in the p53 Tumor Suppressor Gene from Chemically Induced Rat Renal Mesenchymal Tumors. Christopher M. Weghorst, Konstantin H. Dragnev, Gregory S. Buzzard, Kerri L. Thorne, Gary F. Vandeborne, Kimberly A. Vincent, and Jerry M. Rice.


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

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


**Tumor Biology**

256 Subcellular Localization of the bcl-2 Protein in Malignant and Normal Lymphoid Cells. Daphne de Jong, Frans A. Prins, David Y. Mason, John C. Reed, Gertjan B. van Ommen, and Philip M. Kuin.

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, Itoh, Akira Yachi, Yuji Hino, Fumio Itoh, Akinori Takaoka, Koizoh Imai, and Akira Takaoka.


Letter to the Editor


309 Announcements
New Schedule for Annual Meetings of AACR Beginning in 1994
New Privileges and Responsibilities of Corresponding Membership
Broadening of Associate Membership
AACR Special Conferences in Cancer Research
Recent Deaths
Calendar of Events

312 Instructions for Authors

319 Author Index