CONTENTS

Advances in Brief

1 Prognostic Significance of p53 Mutations and 3p Deletions in Primary Resected Non-Small Cell Lung Cancer. Yoshitsugu Horio, Takashi Takahashi, Tetsuo Kuroishi, Kenji Hibi, Motokazu Suyama, Takao Niimi, Kaoru Shimokata, Kazuhiro Yamakawa, Yusuke Nakamura, Ryuzu Ueda, and Toshiyuki Takahashi.


9 Aflatoxin B1-induced Rat Hepatic Hyperplastic Nodules Do Not Exhibit a Site-specific Mutation within the p53 Gene. Janis E. Hulla, Zhi Ying Chen, and David L. Eaton.


Regular Articles

Biochemistry and Biophysics

19 2,2'-Bipyridyl-6-carbothioamide and Its Ferrous Complex: Their in Vitro Antitumoral Activity Related to the Inhibition of Ribonucleotide Reductase R2 Subunit. Giuseppe Nocentini, Federica Federici, Palma Lisa Franchetti, and Anna Barzi.

Carcinogenesis

27 Inhibition of Skin Tumor Promotion by Restriction of Fat and Carbohydrate Calories in SENCAR Mice. Diane F. Birt, Heather J. Pinch, Tracy Barnett, An Phan, and Kaye Dimitroff.

32 Effects of Sodium Nitrite and Catechol, 3-Methoxycatechol, or Butylated Hydroxyanisole in Combination in a Rat Multitumoral Carcinogenesis Model. Masao Hirose, Hikaru Tanaka, Satoru Takahashi, Mitsuru Futakuchi, Shoji Fukushima, and Nobuyuki Ito.


46 Caloric Restriction and Intervention in Pancreatic Carcinogenesis in the Rat. B. D. Roebuck, Karen J. Baumgartner, and Denise L. MacMillan.


Clinical Investigations

61 Serum Fragment of Cytokeratin Subunit 19 Measured by CYFRA 21-1 Immunoradiometric Assay as a Marker of Lung Cancer. Jean-Louis Pujol, Jean Grenier, Jean-Pierre Dautres, Alain Daver, Henri Pujol, and François-Bernard Michel.

67 Attral Natriuretic Factor and Arginine Vasopressin Production in Tumor Cell Lines from Patients with Lung Cancer and Their Relationship to Serum Sodium. Andrew J. Gross, Seth M. Steinberg, J. Garrett Reilly, David P. Bliss, Jr., John Brennan, Phong Tram Le, Alfreda Simmons, Ruby Phelps, James L. Mulshine, Daniel C. Ihde, and Bruce E. Johnson.

Epidemiology


Experimental Therapeutics

83 In Situ Retroviral-mediated Gene Transfer for the Treatment of Brain Tumors in Rats. Zvi Ram, Kenneth W. Culver, Stuart Walbridge, R. Michael Blaese, and Edward H. Oldfield.


Immunology


Downloaded from cancerres.aacjournals.org on April 11, 2017. © 1993 American Association for Cancer Research.
Molecular Biology and Genetics


140 M, 92,000 Type IV Collagenase Is Increased in Plasma of Patients with Colon Cancer and Breast Cancer. Stanley Zucker, Rita M. Lysik, Mohammad H. Zarrabi, and Ute Moll.


158 Overexpression of Basic Fibroblast Growth Factor Complementary DNA in Ha-ras-transformed Cells Correlates with a Decreased Incidence of Tumor Necrosis. David Peretz, Nina Kimel, Dennis K. Fuji, and Gera Neufeld.

Tumor Biology

165 Increased Stromelysin 3 Gene Expression Is Associated with Increased Local Invasiveness in Head and Neck Squamous Cell Carcinomas. Danièle Muller, Catherine Wolf, Joseph Abecassis, Régine Millon, Alain Engelmann, Guy Bronner, Nicolas Rouyer, Marie-Christine Rio, Michel Eber, Gérard Meulin, Pierre Chambon, and Paul Basset.


176 Exploiting the lacZ Reporter Gene for Quantitative Analysis of Disseminated Tumor Growth within the Brain: Use of the lacZ Gene Product as a Tumor Antigen, for Evaluation of Antigenic Modulation, and to Facilitate Image Analysis of Tumor Growth in Situ. Lois A. Lampson, Michael A. Lampson, and A. Dana Dunne.

183 Immunoelectron Microscopic Localization of Transforming Growth Factor β₁ and Latent Transforming Growth Factor β₁ Binding Protein in Human Gastrointestinal Carcinomas: Qualitative Difference between Cancer Cells and Stromal Cells. Takayuki Mizoi, Haruo Ohtani, Kohei Miyazono, Masaaki Miyazawa, Seiki Matsuno, and Hiroshi Nagura.
