



CONTENTS

Advances in Brief

- 785 **Response of Dermal Fibroblast Cultures from Patients with Unusually Severe Responses to Radiotherapy and from Ataxia Telangiectasia Heterozygotes to Fractionated Radiation.** William K. Dahlberg and John B. Little.

Research Articles

- 791 **Dose Escalation of *N,N',N''*-Triethylenethiophosphoramidate Combined with Pentoxifylline for Advanced Breast Cancer.** Charles L. Shapiro, Bruce J. Dezube, Olga Tretyakov, Joel Wright, Becky Cap, I. Craig Henderson, and Daniel F. Hayes.

- 797 **Pharmacokinetics of Orally Administered Carboxyamido-triazole, an Inhibitor of Calcium-mediated Signal Transduction.** William D. Figg, Kristina A. Cole, Eddie Reed, Seth M. Steinberg, Stephen C. Piscitelli, Patricia A. Davis, Mathew J. Soltis, Joan Jacob, Sophia Boudoulas, Barry Goldspiel, Gisele Sarosy, Lance A. Liotta, and Elise C. Kohn.

- 805 **Evidence for Eosinophil Activation in Cancer Patients Receiving Recombinant Interleukin-4: Effects of Interleukin-4 Alone and following Interleukin-2 Administration.** Jeffrey A. Sosman, Kathleen Bartemes, Kenneth P. Offord, Hirohito Kita, Susan G. Fisher, Cathy Kefer, Thomas A. Ellis, Richard I. Fisher, Terry J. Higgins, and Gerald J. Gleich.

- 813 **4,5-Bis(4-fluoroanilino)phthalimide: A Selective Inhibitor of the Epidermal Growth Factor Receptor Signal Transduction Pathway with Potent *in Vivo* Antitumor Activity.** Elisabeth Buchdunger, Helmut Mett, Uwe Trinks, Urs Regenass, Marcel Müller, Thomas Meyer, Paul Beilstein, B. Wirz, Peter Schneider, Peter Traxler, and Nicholas B. Lydon.

- 823 **Potent Antileukemic Activity of the Novel Agents Norsesgo-line and Dibezine.** Michal Einat, Arnon Nagler, Michael Lishner, Aliza Amiel, Shai Yarkoni, Amira Rudi, Gary Gellerman, Yoel Kashman, and Ina Fabian.

- 831 **Pharmacokinetics of 9-Methoxy-*N,N*-dimethyl-5-nitropyrazolo[3,4,5-*k*]acridine-2(6*H*)-propanamine (PZA, PD 115934, NSC 366140) in Mice: Guidelines for Early Clinical Trials.** Brenda J. Foster, Richard A. Wiegand, Patricia M. LoRusso, and Laurence H. Baker.

- 839 **5-Fluorouracil Prodrug: Role of Anabolic and Catabolic Pathway Modulation in Therapy of Colorectal Cancer.** Shousong Cao, Cheryl Frank, Tetsuhiko Shirasaka, and Youcef M. Rustum.

- 847 **Preclinical Antitumor Efficacy of the Polyamine Analogue *N*¹,*N*¹¹-Diethylnorspermine Administered by Multiple Injection or Continuous Infusion.** Ralph J. Bernacki, Eric J. Oberman, Kathryn E. Seweryniak, Alice Atwood, Raymond J. Bergeron, and Carl W. Porter.

- 859 **Immunotoxins That Target an Oncogenic Mutant Epidermal Growth Factor Receptor Expressed in Human Tumors.** Ian A. J. Lorimer, Carol J. Wikstrand, Surinder K. Batra, Darell D. Bigner, and Ira Pastan.

- 865 **Phenylacetate in Chemoprevention: *In Vitro* and *in Vivo* Suppression of 5-Aza-2'-Deoxycytidine-induced Carcinogenesis.** Premakala Prasanna, Sonsoles Shack, Vincent L. Wilson, and Dvorit Samid.

- 873 **Induction of Apoptosis and Cell Cycle-specific Change in Expression of *p53* in Normal Lymphocytes and MOLT-4 Leukemic Cells by Nitrogen Mustard.** Umesh Bhatia, Kenneth Danishefsky, Frank Traganos, and Zbigniew Darzynkiewicz.

- 881 **Flow Cytometric DNA Analysis of Breast Cancers with Predominance of Carcinoma *in Situ*: A Comparison of the Premalignant and Malignant Components.** Gyda Lolk Ottesen, Ib Jarle Christensen, Jørgen K. Larsen, Bodil Hansen, and Johan A. Andersen.

- 889 **Cytotoxic Effects of Adenovirus-mediated Wild-Type *p53* Protein Expression in Normal and Tumor Mammary Epithelial Cells.** Dai Katayose, Jean Gudas, Hoang Nguyen, Shiv Srivastava, Kenneth H. Cowan, and Prem Seth.

- 899 **Elevated Tissue Inhibitor of Metalloproteinase 1 RNA in Colorectal Cancer Stroma Correlates with Lymph Node and Distant Metastases.** Zhao-Shi Zeng, Alfred M. Cohen, Zuo-Feng Zhang, William Stetler-Stevenson, and Jose G. Guillem.

- 907 **Low Levels of Expression of an Inhibitor of Cyclin-dependent Kinases (*CIPI/WAF1*) in Primary Breast Carcinomas with *p53* Mutations.** Hilmi Özçelik, Spyro Mousses, and Irene L. Andrulis.

- 913 **Epidermal Growth Factor Receptor and Transforming Growth Factor α Expression in Papillary and Nonpapillary Renal Cell Carcinoma: Correlation with Metastatic Behavior and Prognosis.** Dorothy L. Uhlman, Phuong Nguyen, J. Carlos Manivel, Gang Zhang, Kim Hagen, Elwin Fraley, Dorothee Aeppli, and Gloria A. Niehans.

Meeting Report

- 921 **Tumor Receptor Imaging: Proceedings of the National Cancer Institute Workshop, Review of Current Work, and Prospective for Further Investigations.** John A. Katzenellenbogen, R. Edward Coleman, Randall A. Hawkins, Kenneth A. Krohn, Steven M. Larson, John Mendelsohn, C. Kent Osborne, David Piwnicka-Worms, Richard C. Reba, Barry A. Siegel, Michael J. Welch, and Faina Shtern.

- 933 **AACR Bulletin Board**
Annual Meeting
Travel Grants from the Comprehensive Minority Biomedical Program of the National Cancer Institute
Workshop on Methods in Clinical Cancer Research
AACR Special Conferences in Cancer Research



Clinical Cancer Research

1 (8)

Clin Cancer Res 1995;1:785-932.

Updated version Access the most recent version of this article at:
<http://clincancerres.aacrjournals.org/content/1/8.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, use this link <http://clincancerres.aacrjournals.org/content/1/8.citation>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.