CONTENTS†

Asterisks * preceding page numbers refer to studies using human-derived material.

### BASIC SCIENCES

2525 Glutathione and Related Enzymes in Rat Brain Tumor Cell Resistance to 1,3-Bis(2-chloroethyl)-1-nitrosourea and Nitrogen Mustard. Celia G. Evans, William J. Bodell, Kouichi Tokuda, Penelope Doane-Setzer, and Martyn T. Smith.


*2537 Clonal Evolution of t(14;18) Follicular Lymphomas Demonstrated by Immunoglobulin Genes and the 18q21 Major Breakpoint Region. Mark Raffeld, John J. Wright, Edward Lipford, Jeffrey Cossman, Dan L. Longo, Ajay Bakhshi, and Stanley J. Korsmeyer.


2576 Characterization of the Cyclic Adenosine 3':5'-Monophosphate Effector System in Hormone-dependent and Hormone-independent Rat Mammary Carcinomas. Dagfinn Øgreid, Yoon Sang Cho-Chung, Roald Ekanger, Olav Vintermyr, Jan Haavik, and Stein Ove Døskeland.


2589 Constitutive Production of Interleukin 1 by Human Monocytic Leukemia Cell Line JOSK-I and the Production Mechanism. Yusuke Furukawa, Masatsugu Ohta, Tadashi Kasahara, Yasusada Miura, and Masaki Saito.


*2599 Elimination of Leukemic Cells by the Combined Use of Ether Lipids in Vitro. Shinichiro Okamoto, Anita C. Olson, and William R. Vogler.


*2609 Quantitation of Benzo(a)pyrene and 7,12-Dimethylbenz(a)anthracene Binding to Nuclear Macromolecules in Human and Rat Mammary Epithelial Cells. Cynthia J. Moore, Sandra R. Eldridge, William A. Tricomi, and Michael N. Gould.


2626 Formation of Hemoglobin Adducts upon Treatment of F344 Rats with the Tobacco-specific Nitrosamines 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and N'-Nitrosonornicotine. Steven G. Carmella and Stephen S. Hecht.


*2652 Immunocytochemical Study with Monoclonal Antibodies to Progesterone Receptor in Human Breast Tumors. Martine Perrot-Appelanit, Marie-Thérèse Goyer-Picard, Frédéric Lorenzo, André Jolivet, Mai Thu Vu Hai, Claude Pallud, Frédérique Spyra, and Edwin Milgrom.


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


CLINICAL AND EPIDEMIOLOGICAL INVESTIGATIONS


NOTE: Application for membership in the American Association for Cancer Research available in the back of this issue.
Cancer Research

VOLUME 47 • NUMBER 10

CONTENTS Arranged by Subject Category

BASIC SCIENCES
Biochemistry and Biophysics

Carcinogenesis

2609 Quantitation of Benzo(a)pyrene and 7,12-Dimethylbenz(a)anthracene Binding to Nuclear Macromolecules in Human and Rat Mammary Epithelial Cells. Cynthia J. Moore, Sandra R. Eldridge, William A. Tricomi, and Michael N. Gould.

2626 Formation of Hemoglobin Adducts upon Treatment of F344 Rats with the Tobacco-specific Nitrosamines 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and N'-Nitrosornicotine. Steven G. Carmella and Stephen S. Hecht.

Endocrinology
2576 Characterization of the Cyclic Adenosine 3'-5'-Monophosphate Effector System in Hormone-dependent and Hormone-independent Rat Prostatic Carcinomas. Dagfinn Øgreid, Yoon Sang Cho-Chung, Roald Ekanger, Olav Vintermyr, Jan Haavik, and Stein Ove Øskeland.


2652 Immunocytochemical Study with Monoclonal Antibodies to Progesterone Receptor in Human Breast Tumors. Martine Perrot-Applanat, Marie-Thérèse Groyer-Picard, Frédéric Lorenzo, André Jolivet, Mai Thu Vu Hai, Claude Pallud, Frédérique Spyratos, and Edwin Milgrom.

Immunology

2589 Constitutive Production of Interleukin 1 by Human Monocytic Leukemia Cell Line JOSK-1 and the Production Mechanism. Yusuke Furukawa, Masatsugu Ohta, Tadashi Kasahara, Yasusada Chung, Roald Ekanger, Olav Vintermyr, Jan Haavik, and Stein Ove Øskeland.


* Indicates studies using human-derived material.


2690 Selection of Metastatic Variants with Identifiable Karyotypic Changes from a Nonmetastatic Murine Tumor after Treatment with 2'-Deoxy-5-azacytidine or Hydroxyurea: Implications for the Mechanisms of Tumor Progression. Philip Frost, Robert S. Kerbel, Barbara Hunt, S. Man, and Sen Pathak.


CLINICAL AND EPIDEMIOLOGICAL INVESTIGATIONS


2727 Depletion of Suppressor-cytotoxic T-Lymphocytes by Administration of a Murine Monoclonal Antibody. David Berd and Michael J. Mastrangelo.

2733 Determinants of Complete Remission Induction and Maintenance in Chemotherapy with or without Irradiation of Small Cell Lung Cancer. Kell Østerlind, Heine Høi Hansen, Per Dombernowsky, Mogens Hansen, and Per Kragh Andersen.

2737 Detection of Small Cell Lung Cancer Bone Marrow Involvement by Discontinuous Gradient Sedimentation. Robert F. Hunter, Phillip Broadway, Sulian Sun, Harvey B. Niell, and Alvin M. Mauer.


Letter to the Editor


Meeting Report


2752 Announcements

2753 Author Index

NOTE: Application for membership in the American Association for Cancer Research available in the back of this issue.