CONTENTS*

Advances in Brief begin on p. 4261.

4069 Azidothymidine-induced Cytotoxicity and Incorporation into DNA in the Human Colon Tumor Cell Line HCT-8 Is Enhanced by Methotrexate in Vitro and in Vivo. Patrizia Tosi, Paul Calabresi, Frederick A. Goulette, Cynthia A. Renaud, and James W. Darnowski.


4113 Interleukin 6 Reduces Lipoprotein Lipase Activity in Adipose Tissue of Mice in Vivo and in 3T3-L1 Adipocytes: A Possible Role for Interleukin 6 in Cancer Cachexia. Andrew S. Greenberg, Richard P. Nordan, Joseph McIntosh, Juan Carlos Calvo, Robert O. Scow, and David Jablons.

4117 Tumor Resistance Induced by Syngeneic Bone Marrow Transplantation and Enhanced by Interleukin 2: A Model for the Graft versus Leukemia Reaction. Larry W. Kwak, Michael J. Campbell, and Ronald Levy.


4139 Nitrite and Nitrosamine Synthesis by Hepatocytes Isolated from Normal Woodchucks (Marmota monax) and Woodchucks Chronically Infected with Woodchuck Hepatitis Virus. Rui Hai Liu, James R. Jacob, Bud C. Tennant, and Joseph H. Hotchkiss.


4183 Gene- and Strand-specific Damage and Repair in Chinese Hamster Ovary Cells Treated with 4-Nitroquinoline 1-Oxide. Elizabeth G. Snyderwine and Vilhelm A. Bohr.


4196 Abnormal Structure and Expression of the p53 Gene in Human Ovarian Carcinoma Cell Lines. Yuji Yaginuma and Heiner Westphal.


4221 Inhibition of Proliferation by c-myb Antisense RNA and Oligodeoxy-nucleotides in Transformed Neuroectodermal Cell Lines. Giuseppe Raschella, Anna Negroni, Tomasz Skorski, Sabina Pucci, Małgorzata Nieborowska-Skorska, Antonino Romeo, and Bruno Calabretta.

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

Downloaded from cancerres.aacrjournals.org on January 13, 2018. © 1992 American Association for Cancer Research.

4232 Expression of Platelet-derived Growth Factor-independent Phenotypes in BALB/c 3T3 Cell Variant with High Susceptibility to Chemically or Physically Induced Neoplastic Cell Transformation: Dissociation from Activation of Protein Kinase C. Masami Tatsuka, M. Koji Owada, and Hiromi Mitsui.


4248 DNA Topoisomerase II Immunostaining in Human Leukemia and Rhabdomyosarcoma Cell Lines and Their Responses to Topoisomerase II Inhibitors. Judith S. Wolverton, Mary K. Danks, Bernd Granzen, and William T. Beck.

4254 Squamous Metaplasia of Normal and Carcinoma in Situ of HPV 16-Immortalized Human Endocervical Cells. Qi Sun, Kouichiro Tsutsumi, M. Brian Kelleher, Alan Pater, and Mary M. Pater.

ADVANCES IN BRIEF

4261 Induction of Transforming Growth Factor β, in Human Breast Cancer in Vivo following Tamoxifen Treatment. Anju Butta, Kenneth MacLennan, Kathleen C. Flanders, Nigel P. M. Sacks, Ian Smith, Alan McKinna, Mitchell Dowsett, Lalage M. Wakefield, Michael B. Sporn, Michael Baum, and Anthony A. Colletta.


4277 Evidence for a Tumor Suppressor Gene on Chromosome 19q Associated with Human Astrocytomas, Oligodendrogliomas, and Mixed Gliomas. Andreas von Deimling, David N. Louis, Klaus von Ammon, Iver Petersen, Otmar D. Wiestler, and Bernd Seizinger.


LETTER TO THE EDITOR


4293 Announcements

Eighty-Fourth Annual Meeting of the AACR
AACR Special Conferences in Cancer Research
Calendar of Events

4296 Author Index

NOTE: AACR forms available in the back of this issue—
• Application for Active and Corresponding Membership
• Application for Associate Membership

Also available in the back of this issue—
GUIDELINES FOR SUBMITTING DISKS TO AACR PUBLICATIONS
Cancer Research
VOLUME 52 • NUMBER 15
CONTENTS Arranged by Subject Category

ADVANCES IN BRIEF

4261 Induction of Transforming Growth Factor β, in Human Breast Cancer in Vivo following Tamoxifen Treatment. Anju Butta, Kenneth MacLennan, Kathleen C. Flanders, Nigel P. M. Sacks, Ian Smith, Alan McKinna, Mitchell Dowsett, Lalage M. Wakefield, Michael B. Sporn, Michael Baum, and Anthony A. Colletta.


BASIC SCIENCES

Biochemistry and Biophysics


Carcinogenesis


4139 Nitrite and Nitrosamine Synthesis by Hepatocytes Isolated from Normal Woodchucks (Marmota monax) and Woodchucks Chronically Infected with Woodchuck Hepatitis Virus. Rui Hai Liu, James R. Jacob, Bud C. Tennant, and Joseph H. Hotchkiss.

4148 Gene- and Strand-specific Damage and Repair in Chinese Hamster Ovary Cells Treated with 4-Nitroquinoline 1-Oxide. Elizabeth G. Snyderwine and Vilhelm A. Bohr.


4232 Expression of Platelet-derived Growth Factor-independent Phenotypes in BALB/c 3T3 Cell Variant with High Susceptibility to Chemically or Physically Induced Neoplastic Cell Transformation: Dissociation from Activation of Protein Kinase C. Masaaki Matsuoka, M. Koji Owada, and Hiromi Mitsui.

Endocrinology


Immunology


4113 Interleukin 6 Reduces Lipoprotein Lipase Activity in Adipose Tissue of Mice in Vivo and in 3T3-L1 Adipocytes: A Possible Role for Interleukin 6 in Cancer Cachexia. Andrew S. Greenberg, Richard P. Nordan, Joseph McIntosh, Juan Carlos Calvo, Robert O. Scow, and David Jablons.

4117 Tumor Resistance Induced by Syngeneic Bone Marrow Transplantation and Enhanced by Interleukin 2: A Model for the Graft versus Leukemia Reaction. Larry W. Kwak, Michael J. Campbell, and Ronald Levy.


Molecular Biology and Genetics

4221 Inhibition of Proliferation by c-myb Antisense RNA and Oligodeoxy-nucleotides in Transformed Neuroectodermal Cell Lines. Giuseppe Raschella, Anna Negroni, Tomasz Skorski, Sabinaucci, Malgorzata Nieborowska-Skorska, Antonino Romeo, and Bruno Calabretta.

Preclinical Pharmacology and Experimental Therapeutics

4069 Azothenithidine-induced Cytotoxicity and Incorporation into DNA in the Human Colon Tumor Cell Line HT-29 Is Enhanced by Methotrexate in Vitro and in Vivo. Patrizia Tosi, Paul Calabresi, Frederick A. Goulette, Cynthia A. Renaud, and James W. Darnowski.


DNA Topoisomerase II Immunostaining in Human Leukemia and Rhabdomyosarcoma Cell Lines and Their Responses to Topoisomerase II Inhibitors. Judith S. Wolverton, Mary K. Danks, Bernd Granzen, and William T. Beck.

Tumor Biology


Abnormal Structure and Expression of the p53 Gene in Human Ovarian Carcinoma Cell Lines. Yuji Yaginuma and Heiner Westphal.


Squamous Metaplasia of Normal and Carcinoma in Situ of HPV 16-immortalized Human Endocervical Cells. Qi Sun, Kouichiro Tsutsumi, M. Brian Kelleher, Alan Pater, and Mary M. Pater.


LETTER TO THE EDITOR


Eighty-Fourth Annual Meeting of the AACR
AACR Special Conferences in Cancer Research
Calendar of Events

Author Index

NOTE: AACR forms available in the back of this issue—
• Application for Active and Corresponding Membership
• Application for Associate Membership

Also available in the back of this issue—
GUIDELINES FOR SUBMITTING DISKS TO AACR PUBLICATIONS