
Altered Estrogen Receptor α and β Messenger RNA Expression during Human Breast Tumorigenesis. Etienne Leygue, Helmut Dotzlaw, Peter H. Watson, and Leigh C. Murphy.

"Loop" Domain Is Necessary for Taxol-induced Mobility Shift and Phosphorylation of Bcl-2 as Well as for Inhibiting Taxol-induced Cytosolic Accumulation of Cytochrome c and Apoptosis. Guofu Fang, Brian S. Chang, Caryn N. Kim, Charles Perkins, Craig B. Thompson, and Kapil N. Bhalla.


Induction of Potent Antitumor Natural Killer Cell Activity by Herpes Simplex Virus-Thymidine Kinase and Ganciclovir Therapy in an Orthotopic Mouse Model of Prostate Cancer. Simon J. Hall, Michael A. Sanford, Gertrude Atkinson, and Shu-Hsia Chen.


Negative Regulation of Weel Expression and Cdc2 Phosphorylation during p53-mediated Growth Arrest and Apoptosis. Steven D. Leach, Caroline D. Scatena, Christopher J. Keefer, Holly A. Goodman, Si Young Song, Liying Yang, and Jennifer A. Pietenpol.


Regulation of the M, 72,000 Type IV Collagenase by the Type I Insulin-like Growth Factor Receptor. Li Long, Roya Navab, and Patricia Rockwell.


PTEN Mutations and Microsatellite Instability in Complex Atypical Hyperplasia, a Precursor Lesion to Uterine Endometrioid Carcinoma. Ross L. Levine, Colyn B. Cargile, Marrian S. Blazes, Basbiaan van Rees, Robert J. Kurnman, and Lora Hedrick Elinson.


Interleukin 15 Offers Selective Protection from Irinotecan-induced Intestinal Toxicity in a Preclinical Animal Model. Shousong Cao, Jennifer D. Black, Anthony B. Troutt, and Youceff M. Rustum.

Biochemistry and Biophysics

Radiation-induced Apoptosis Mediated by Retinoblastoma Protein. Cai Bowen, Sarah Spiegel, and Edward P. Gelmann.

Carcinogenesis


Clinical Investigations

Development of an Androgen Receptor-null Model for Identifying the Initiation Site for Androgen Stimulation of Proliferation and Suppression of Programmed (Apoptotic) Death of PC-82 Human Prostate Cancer Cells. Jin Gao and John T. Isaacs.

Endocrinology


Epidemiology and Prevention

Dietary α-3 Polyunsaturated Fatty Acids Promote Colon Carcinogenesis in Rat Liver. Patricia Griffin, Olav Fehres, Lars Kliverik, Ilse M. C. Vogels, Wikkie Tichelaar, Susanne M. Smorenburg, and Cornelis J. F. Van Noorden.


Experimental Therapeutics

3312 Bel-7404 Phosphorylated in Malignant Cells following Microtubule Disruption. Marianne S. Poruchynsky, Emily E. Wang, Charles M. Rudin, Mikhail V. Blagosklonny, and Tito Fojo.
Regional Pharmacokinetics of Doxorubicin following Hepatic Arterial and Portal Venous Administration: Evaluation with Hepatic Venous Isolation and Charcoal Hemoperfusion. Takeshi Iwasaki, Yonson Ku, Nobuya Kusunoki, Masahiro Tominaga, Takumi Fukumoto, Sanshiro Muramatsu, and Yoshikazu Kuroda.


Viral Vector-targeted Antiangiogenic Gene Therapy Utilizing an Angiostatin Complementary DNA. Toshihide Tanaka, Yihai Cao, and J. Carl Barrett.


Complex Genetic Response of Human Cells to Sublethal Levels of Pure Nitric Oxide. John C. Marquis and Bruce Delmple.


Immunochemistry

Maturation of Cytotoxic T Lymphocytes against a B7-transfected Nonmetastatic Tumor: A Critical Role for Costimulation by B7 on Both Tumor and Host Antigen-presenting Cells. Maja Marie, Pan Zheng, Supria Sarma, Yong Quo, and Yang Liu.


Molecular Biology and Genetics


Complex Genetic Response of Human Cells to Sublethal Levels of Pure Nitric Oxide. John C. Marquis and Bruce Delmple.


Tumor Biology

Effect of Nucleoside Analogue BCH-4556 on Prostate Cancer Growth and Metastases in Vitro and in Vivo. Shaafat A. Rabbani, Penelope Harakidas, Terry Bowlin, and Giorgio Attardo.

Extended Survivability of Prostate Cancer Cells in the Absence of Trophic Factors: Increased Proliferation, Evasion of Apoptosis, and the Role of Apoptosis Proteins. Dean G. Tang, Li Li, Dharam P. Chopra, and Arthur T. Porter.