Highlights of This Issue 993

REVIEW

Epithelial Plasticity, Cancer Stem Cells, and the Tumor-Supportive Stroma in Bladder Carcinoma
Geertje van der Horst, Lieke Bos, and Gabri van der Pluijm

ANGIOGENESIS, METASTASIS, AND THE CELLULAR MICROENVIRONMENT

FAS1 Domain Protein Inhibits VEGF165-Induced Angiogenesis by Targeting the Interaction between VEGFR-2 and αvβ3 Integrin
Ju-Ock Nam, Hye-Nam Son, Eunsung Jun, Kiweon Cha, Byung-Heon Lee, Rang-Woon Park, and In-San Kim

New Insight into the SDF-1/CXCR4 Axis in a Breast Carcinoma Model: Hypoxia-Induced Endothelial SDF-1 and Tumor Cell CXCR4 Are Required for Tumor Cell Intravasation
Fengyan Jin, Ulf Brockmeier, Friedrich Otterbach, and Eric Metzen

CELL CYCLE, CELL DEATH, AND SENESCENCE

Protein Kinase Casein Kinase 2–Mediated Upregulation of N-Cadherin Confers Anoikis Resistance on Esophageal Carcinoma Cells
Hyeonseok Ko, Seongrak Kim, Cheng-Hao Jin, Eunjung Lee, Sunyoung Ham, Jong In Yook, and Kunhong Kim

CANCER GENES AND GENOMICS

Identification of Genomic Targets of Transcription Factor Aebp1 and its role in Survival of Glioma Cells

DNA DAMAGE AND CELLULAR STRESS RESPONSES

Suberoylanilide Hydroxamic Acid as a Radiosensitizer through Modulation of RAD51 Protein and Inhibition of Homologous Repair in Multiple Myeloma
Xufeng Chen, Patty Wong, Eric H. Radany, Jeremy M. Stark, Corentin Laulier, and Jeffrey Y.C. Wong

SIGNALING AND REGULATION

GSK-3 Promotes Cell Survival, Growth, and PAX3 Levels in Human Melanoma Cells
Jennifer D. Kubic, Joseph B. Mascarenhas, Takumi Iizuka, Don Wollgeher, and Deborah Lang

The Signal Peptide of Mouse Mammary Tumor Virus-Env: A Phosphoprotein Tumor Modulator
Dafna Feldman, Maayan Roniger, Allan Bar-Sinai, Ori Braithard, Carmit Natan, Dona C. Love, John A. Hanover, and Jacob Hochman

Differential Tumorigenic Potential and Matriptase Activation between PDGF B versus PDGF D in Prostate Cancer
Abdo J. Najy, Joshua J. Won, Lisa S. Movilla, and Hyeong-Reh C. Kim

EWS/FLI1 Regulates EYA3 in Ewing Sarcoma via Modulation of miRNA-708, Resulting in Increased Cell Survival and Chemoresistance
Tyler P. Robin, Anna Smith, Erin McKinsey, Lisa Reaves, Paul Jedlicka, and Heide L. Ford

TNF-α Induces Epithelial–Mesenchymal Transition of Renal Cell Carcinoma Cells via a GSK3β-Dependent Mechanism
Ming-Yi Ho, Shye-Jye Tang, Mei-Jen Chuang, Tai-Lung Cha, Jing-Yao Li, Guang-Huan Sun, and Kuang-Hui Sun
Ligand Binding Promotes CDK-Dependent Phosphorylation of ER-Alpha on Hinge Serine 294 but Inhibits Ligand-Independent Phosphorylation of Serine 305

Jason M. Held, David J. Britton, Gary K. Scott, Elbert L. Lee, Birgit Schilling, Michael A. Baldwin, Bradford W. Gibson, and Christopher C. Benz

ABOUT THE COVER

Mouse Mammary Tumor Virus (MMTV) is primarily associated with mammary carcinoma and lymphomas in mice. The signal peptide of MMTV-Env precursor (MMTV-p14) translocates to nucleoli of infected cells and co-localizes with nucleophosmin. Mutations along the sequence of MMTV-p14 ectopically expressed in MCF-7 breast carcinoma cells affect cellular localization of the protein \textit{in vitro} (mutations within the nuclear localization signal – NLS) and tumorigenicity \textit{in vivo} (mutations in putative phosphorylation sites). Immunofluorescence of MMTV-p14 with half of the NLS deleted (green) demonstrates partial localization in the nucleus and the cytoplasm. Nucleophosmin (red) remains in the nucleoli. For details, see article by Feldman and colleagues on page 1077.
Molecular Cancer Research

10 (8)


Updated version  Access the most recent version of this article at:
http://mcr.aacrjournals.org/content/10/8

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, contact the AACR Publications Department at permissions@aacr.org.