### Human Cancer Biology

#### Enhanced RASGEF1A Expression Is Involved in the Growth and Migration of Intrahepatic Cholangiocarcinoma.
Katsuaki Ura, Kazutaka Obama, Seiji Satoh, Yoshiharu Sakai, Yusuke Nakamura, and Yoichi Furukawa

---

#### Identification of Carboxypeptidase of Glutamate Like-B as a Candidate Suppressor in Cell Growth and Metastasis in Human Hepatocellular Carcinoma.
Pingping Zhang, David Wai Chan, YiYi Zhu, Jin Jun Li, Irene Oi-Lin Ng, Dafang Wan, and Jianren Gu

---

#### Mapping Geographic Zones of Cancer Risk with Epigenetic Biomarkers in Normal Breast Tissue.

---

#### Reprimo Methylation Is a Potential Biomarker of Barrett’s-Associated Esophageal Neoplastic Progression.
James P. Hamilton, Fumiaki Sato, Zhe Jin, Bruce D. Greenwald, Tetsuo Ito, Yuriko Mori, Bogdan C. Paun, Takatsugu Kan, Yulan Cheng, Suna Wang, Jian Yang, John M. Abraham, and Stephen J. Meltzer

---

#### Molecular and Cytogenetic Subgroups of Oropharyngeal Squamous Cell Carcinoma.
Federica Perrone, Simona Suardi, Elisa Pastore, Paola Casieri, Marta Orsenigo, Stefano Caramuta, Gianpaolo Dagrada, Marco Losa, Lisa Licitra, Paolo Bossi, Samantha Staurengo, Maria Oggiorni, Laura Locatil, Giulio Cantu, Massimo Squadrelli, Antonino Carbone, Marco A. Pierotti, and Silvana Pilotti

---

#### FGFR1 Emerges as a Potential Therapeutic Target for Lobular Breast Carcinomas.
Jorge Sergio Reis-Filho, Pete T. Simpson, Nicholas C. Turner, Maryou Ballo Lambros, Chris Jones, Alan Mackay, Anita Grigoriadis, David Sarrio, Kay Savage, Tim Dexter, Marjan Iravani, Kerry Fenwick, Barbara Weber, David Hardisson, Fernando Carlos Schmitt, Jose Palacios, Sunil R. Lakhani, and Alan Ashworth
Imaging, Diagnosis, Prognosis


Frequent Epigenetic Inactivation of Spleen Tyrosine Kinase Gene in Human Hepatocellular Carcinoma. Yunfei Yuan, Jianping Wang, Jinqing Li, Li Wang, Meixiang Li, Zuli Yang, Changqing Zhang, and Jia Le Dai ................................................................. 6687


Fragile Histidine Triad Expression in Oral Squamous Cell Carcinoma and Precursor Lesions. O. Kujan, Richard Oliver, Luca Roz, Gabriella Sozzi, Noel Ribeiro, Robert Woodwards, Nalin Thakker, and Philip Sloan ................................................................. 6723

Computed Tomography–Diagnosed Emphysema, Not Airway Obstruction, Is Associated with the Prognostic Outcome of Early-Stage Lung Cancer. Kazuhiro Ueda, Mitsutaka Jinbo, Tao-Sheng Li, Takaharu Yagi, Kazuyoshi Suga, and Kimikazu Hamano ................................................................. 6730

Cancer Therapy: Clinical


Nitroglycerin Treatment May Enhance Chemosensitivity to Docetaxel and Carboplatin in Patients with Lung Adenocarcinoma. Hiroyasu Yasuda, Katsutoshi Nakayama, Mika Watanabe, Satoshi Suzuki, Hiromi Fuji, Shoji Okinaga, Akio Kanda, Kiyoshi Zayasu, Takahiko Sasaki, Masanori Asada, Tomoko Suzuki, Motoki Yoshida, Shinshuke Yamada, Daisuke Inoue, Tomohiro Kaneta, Takashi Kondo, Yoshihiro Takai, Hidetada Sasaki, Kazuhiro Yanagihara, and Mutsumi Yamaya ................................................................. 6748

CXCR4 Inhibition Synergizes with Cytotoxic Chemotherapy in Gliomas. Navid Redjal, Jennifer A. Chan, Rosalind A. Segal, and Andrew L. Kung

Down-Regulation of Insulin-Like Growth Factor I Receptor Activity by NVP-AEW541 Has an Antitumor Effect on Neuroblastoma Cells In vitro and In vivo. Barbara Tanno, Camillo Mancini, Roberta Vitali, Mariateresa Mancuso, Heather P. McDowell, Carlo Dominici, and Giuseppe Raschellà

Combined Transcriptional and Translational Targeting of EWS/FLI-1 in Ewing’s Sarcoma. Silvia Mateo-Lozano, Prafulla C. Gokhale, Viatcheslav A. Soldatenkov, Anatoly Dritschilo, Oscar M. Tirado, and Vicente Notario


Vascular Endothelial Growth Factor Blockade Reduces Intratumoral Regulatory TCells and Enhances the Efficacy of a GM-CSF–Secreting Cancer Immunotherapy. Betty Li, Alshad S. Lalani, Thomas C. Harding, Bo Luan, Kathryn Koprivnikar, Guang Huan Tu, Rodney Prell, Melinda J. VanRoyer, Andrew D. Simmons, and Karin Jooss

Arsenic Trioxide Affects Signal Transducer and Activator of Transcription Proteins through Alteration of Protein Tyrosine Kinase Phosphorylation. Meir Wetzler, Michael T. Brady, Erin Tracy, Zhang-Rong Li, Kathleen A. Donohue, Kieran L. O'Loughlin, Yijun Cheng, Amir Mortazavi, Amy A. McDonald, Padmaja Kunapuli, Paul K. Wallace, Maria R. Baer, John K. Cowell, and Heinz Baumann


Diallyl Trisulfide Suppresses Growth of PC-3 Human Prostate Cancer Xenograft In vivo in Association with Bak and Bak Induction. Dong Xiao, Kaihe L. Lew, Young-Ae Kim, Yan Zeng, Eun-Ryeong Hahm, Rajiv Dhir, and Shivendra V. Singh

SD-1029 Inhibits Signal Transducer and Activator of Transcription 3 Nuclear Translocation. Zhenfeng Duan, James E. Bradner, Edward Greenberg, Ross Levine, Rosemary Foster, Jennifer Mahoney, and Michael V. Seiden

A Novel HSV-1 Virus, JS1/34.5/-477, Purges Contaminating Breast Cancer Cells From Bone Marrow. Jennifer C. Hu, Matthew J. Booth, Gopichand Tripuraneni, Derek Davies, Syed A.A. Zaidi, Manuela Tamburo de Bella, Martin J. Slade, Stephen B. Marley, Myrtle Y.A. Gordon, Robert S. Coffin, R. Charles Coombes, and Tahereh Kamalati.
Letters to the Editor

Unexpected Immunohistochemical Localization of Deoxycytidine Kinase. Lorelei Johnson, Raymond Lai, Cheryl Santos, Laith Dabbagh, and John Mackey

About the Cover

FISH analysis of 9p21 locus in HPV16-positive oropharyngeal squamous cell carcinoma. The cytogenetic analysis was performed using a CEP9/9p21 probe to interphasic nuclei. The nuclei showed a normal disomic hybridization pattern of 9p21 represented by two centromere 9 signals (green spots) coupled with two 9p21 signals (red spots). For further details, please see Perrone et al. on page 6643 in this issue.

Clinical Cancer Research will no longer print author and subject indexes for each yearly volume. The majority of our readers report that they now use online search capabilities to find articles (http://clincancerres.aacrjournals.org/).