

Highlights of This Issue 807

CELL DEATH AND SURVIVAL

- 809** HuR Suppresses Fas Expression and Correlates with Patient Outcome in Liver Cancer
Haifeng Zhu, Zuzana Berkova, Rohit Mathur, Lalit Sehgal, Tamer Khashab, Rong-Hua Tao, Xue Ao, Lei Feng, Anita L. Sabichi, Boris Blechacz, Asif Rashid, and Felipe Samaniego
- 819** Variants of Osteoprotegerin Lacking TRAIL Binding for Therapeutic Bone Remodeling in Osteolytic Malignancies
Jerome T. Higgs, John S. Jarboe, Joo Hyoung Lee, Diptiman Chanda, Carnellia M. Lee, Champion Deivanayagam, and Selvarangan Ponnazhagan

CHROMATIN, GENE, AND RNA REGULATION

- 828** The lncRNA *DRAIC/PCAT29* Locus Constitutes a Tumor-Suppressive Nexus
Kouhei Sakurai, Brian J. Reon, Jordan Anaya, and Anindya Dutta
- 839** lncRNA Expression Discriminates Karyotype and Predicts Survival in B-Lymphoblastic Leukemia
Thilini R. Fernando, Norma I. Rodriguez-Malave, Ella V. Waters, Weihong Yan, David Casero, Giuseppe Basso, Martina Pigazzi, and Dinesh S. Rao

DNA DAMAGE AND REPAIR

- 852** Targeting MPS1 Enhances Radiosensitization of Human Glioblastoma by Modulating DNA Repair Proteins
Uday Bhanu Maachani, Tamalee Kramp, Ryan Hanson, Shuping Zhao, Orieta Celiku, Uma Shankavaram, Riccardo Colombo, Natasha J. Caplen, Kevin Camphausen, and Anita Tandle

GENOMICS

- 863** Detection of Tumor Suppressor Genes in Cancer Development by a Novel shRNA-Based Method
Johannes von Burstin, Sandra Diersch, Günter Schneider, Maximilian Reichert, Anil K. Rustgi, and Roland M. Schmid
- 870** Genome-Wide Profiling of TRACK Kidneys Shows Similarity to the Human ccRCC Transcriptome
Leiping Fu, Denise R. Minton, Tuo Zhang, David M. Nanus, and Lorraine J. Gudas

ONCOGENES AND TUMOR SUPPRESSORS



- 879** Tumor Suppressor NF2 Blocks Cellular Migration by Inhibiting Ectodomain Cleavage of CD44
 Monika Hartmann, Liseth M. Parra, Anne Ruschel, Sandra Böhme, Yong Li, Helen Morrison, Andreas Herrlich, and Peter Herrlich
- 891** Breast Cancer-Specific miR Signature Unique to Extracellular Vesicles Includes "microRNA-like" tRNA Fragments
Nicole Guzman, Kitty Agarwal, Dilip Asthagiri, Lianbo Yu, Motoyasu Saji, Matthew D. Ringel, and Michael E. Paulaitis
- 902** The Tumor-Suppressor WWOX and HDAC3 Inhibit the Transcriptional Activity of the β -Catenin Coactivator BCL9-2 in Breast Cancer Cells
Perla El-Hage, Ambre Petitalot, Anne-Hélène Monsoro-Burq, Frédérique Maczkowiak, Keltouma Driouch, Etienne Formstecher, Jacques Camonis, Michèle Sabbah, Ivan Bièche, Rosette Lidereau, and François Lallemand
- 913** The Tumor Suppressor NKX3.1 Is Targeted for Degradation by DYRK1B Kinase
 Liang-Nian Song, Jose Silva, Antonius Koller, Andrew Rosenthal, Emily I. Chen, and Edward P. Gelmann

Table of Contents

SIGNAL TRANSDUCTION

923 mTOR/MYC Axis Regulates O-GlcNAc Transferase Expression and O-GlcNAcylation in Breast Cancer

Valerie L. Sodi, Sakina Khaku, Raisa Krutilina, Luciana P. Schwab, David J. Vocadlo, Tiffany N. Seagroves, and Mauricio J. Reginato

934 MAPK7 Regulates EMT Features and Modulates the Generation of CTCs

Sarah Javaid, Jianmin Zhang, Gromoslaw A. Smolen, Min Yu, Ben S. Wittner, Anurag Singh, Kshitij S. Arora, Marissa W. Madden, Rushil Desai, Matthew J. Zubrowski, Benjamin J. Schott, David T. Ting, Shannon L. Stott, Mehmet Toner, Shyamala Maheswaran, Toshi Shioda, Sridhar Ramaswamy, and Daniel A. Haber

944 Aberrant LPL Expression, Driven by STAT3, Mediates Free Fatty Acid Metabolism in CLL Cells

Uri Rozovski, Srdana Grgurevic, Carlos Bueso-Ramos, David M. Harris, Ping Li, Zhiming Liu, Ji Yuan Wu, Preetesh Jain, William Wierda, Jan Burger, Susan O'Brien, Nitin Jain, Alessandra Ferrajoli, Michael J. Keating, and Zeev Estrov

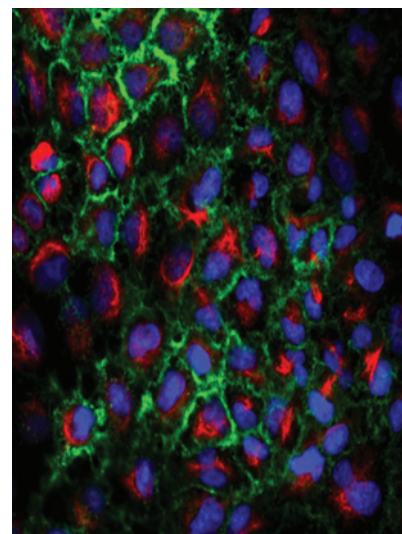


AC icon indicates Author Choice

For more information please visit www.aacrjournals.org

ABOUT THE COVER

Epithelial-to-mesenchymal transition (EMT) has been implicated in tumor cell migration, invasion, and metastasis. Suppression of MAPK7 increases E-cadherin (CDH1) expression, inhibits cell migration, and reduces circulating tumor cells and the appearance of lung metastases. The cover shows immunofluorescent staining of A549 cancer cells following knockdown of MAPK7, showing increased expression of CDH1 localized to the cell membrane (CDH1, green; Vimentin, red; DAPI, blue). Please see the article by Javaid and colleagues (beginning on page 934) for more information.



Molecular Cancer Research

13 (5)

Mol Cancer Res 2015;13:807-953.

Updated version Access the most recent version of this article at:
<http://mcr.aacrjournals.org/content/13/5>

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, use this link
<http://mcr.aacrjournals.org/content/13/5>.
Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.