### Highlights of This Issue 391

#### REVIEW

393  Clinically Relevant microRNAs in Ovarian Cancer  
Shu Zhang, Zhen Lu, Anna K. Uhnuth, Cristina Ivan,  
Keith A. Buggerly, George A. Calin, Zongfang Li,  
Robert C. Bast Jr, and Xiao-Feng Le

#### CELL CYCLE AND SENESCENCE

402  DNA-Directed Polymerase Subunits Play a Vital Role in Human Telomeric Overhang Processing  
Raffaella Diotti, Sampada Kalan, Anastasiya Matveyenko, and Diego Loayza

#### CELL DEATH AND SURVIVAL

411  Sensitizing B- and T-cell Lymphoma Cells to Paclitaxel/Abaxaner—Induced Death by AS101 via Inhibition of the VLA-4—IL10—Survivin Axis  
Hila Danoch, Yona Kalechman, Michael Albeck,  
Dan I. Longo, and Benjamin Sredni

423  Prometastatic NEDD9 Regulates Individual Cell Migration via Caveolin-1—Dependent Trafficking of Integrins  
Polina Y. Kozyulina, Yuriy V. Loskutov,  
Varvara K. Kozyreva, Anuradha Rajulapati, Ryan J. Ice,  
Brandon C. Jones, and Elena N. Pugacheva

439  MUC1 Promoter—Driven DTA as a Targeted Therapeutic Strategy against Pancreatic Cancer  
Renee M. Tholey, Shruti Lal, Masaya Jimbo,  
Richard A. Burkhart, Fernando F. Blanco,  
Joseph A. Cozzitorto, Josh D. Eisenberg, Wei Jiang,  
Christine A. Iacobuzio-Donahue, Agnieszka K. Witkiewicz,  
Melissa Glbert, Charles J. Yeo, Jonathan R. Brody,  
Janet A. Sawicki, and Jordan M. Winter

#### CHROMATIN, GENE, AND RNA REGULATION

449  MUC1-C Induces the LIN28B—LET-7—HMGA2 Axis to Regulate Self-Renewal in NSCLC  
Maroof Alam, Rehan Ahmad, Hasan Rajabi, and Donald Kufe

461  Histone Methyltransferase hSETD1A Is a Novel Regulator of Metastasis in Breast Cancer  
Tal Salz, Changwang Deng, Christine Pammel,  
Dietmar Siemann, Yi Qiu, Kevin Brown, and Suning Huang

#### DNA DAMAGE AND REPAIR

470  Alternative NHEJ Pathway Components Are Therapeutic Targets in High-Risk Neuroblastoma  
Erika A. Newman, Fujia Lu, Daniela Bashillari, Li Wang,  
Anthony W. Oippari, and Valerie P. Castle

#### GENOMICS

483  RhoC Is an Unexpected Target of RhoGDI2 in Prevention of Lung Colonization of Bladder Cancer  
Erin M. Griner, Garrett M. Dancik, James C. Costello,  
Charles Owens, Sunny Guin, Michael G. Edwards,  
David L. Brautigan, and Dan Theodorescu

493  Lymphocyte Invasion in IC10/Basal-Like Breast Tumors Is Associated with Wild-Type TP53  
David Quigley, Laxmi Silwal-Pandit, Ruth Dannenfelser,  
Anita Langerod, Hans Kristian Moen Vollan, Charles Vaske,  
Josie Ursini Siegel, Olga Troyanskaya, Suet-Feng Chin,  
Carlos Caldas, Allan Balmoin, Anne-Lise Berresen-Dale,  
and Vessela Kristensen

502  The Tyrosine Kinase Adaptor Protein FRS2 Is Oncogenic and Amplified in High-Grade Serous Ovarian Cancer  
Leo Y. Luo, Eejung Kim, Hi Wing Cheung, Barbara A. Weir,  
Gavin P. Durn, Rhine R. Shen, and William C. Hahn

#### ONCOGENES AND TUMOR SUPPRESSORS

510  Enhanced Tumorigenic Potential of Colorectal Cancer Cells by Extracellular Sulfatases  
Carolina M. Vicente, Marcelo A. Lima, Edwin A. Yates,  
Helena B. Nader, and Lenny Toma

524  Elevated Slit2 Activity Impairs VEGF-Induced Angiogenesis and Tumor Neovascularization in EphA2-Deficient Endothelium  
Victoria Youngblood, Shian Wang, Wenhqiang Song,  
Debra Walter, Yoonha Hwang, Jin Chen, and  
Dana M. Bramley-Sieders
Table of Contents

538 Survival Outcome and EMT Suppression Mediated by a Lectin Domain Interaction of Endo180 and CD147

548 A Vascular Model of Tsc1 Deficiency Accelerates Renal Tumor Formation with Accompanying Hemangiosarcomas
Jarrett D. Leech, Stephen H.T. Lammers, Sam Goldman, Neil Auricchio, Roderick T. Bronson, David J. Kwiatkowski, and Mustafa Sahin

SIGNAL TRANSDUCTION

556 HIF1α Regulates mTOR Signaling and Viability of Prostate Cancer Stem Cells
Maximilian Marhold, Erwin Tomasich, Ahmed El-Gazzar, Gerwin Heller, Andreas Spittler, Reinhard Horvat, Michael Krainer, and Peter Horak

565 miR-629 Targets TRIM33 to Promote TGFβ/Smad Signaling and Metastatic Phenotypes in ccRCC
Kentaro Jingushi, Yuko Ueda, Kaori Kita, Hiroaki Hase, Hiroshi Egawa, Ikumi Ohshio, Ryoji Kawakami, Yuri Kashiwagi, Yohei Tsukada, Takumi Kobayashi, Wataru Nakata, Kazutoshi Fujita, Motohide Uemura, Norio Nonomura, and Kazutake Tsujikawa

575 The TWEAK Receptor Fn14 Is an Src-Inducible Protein and a Positive Regulator of Src-Driven Cell Invasion
Emily Cheng, Timothy G. Whitsett, Nhan L. Tran, and Jeffrey A. Wrinkles

584 p53 Mutation Directs AURKA Overexpression via miR-25 and FBXW7 in Prostatic Small Cell Neuroendocrine Carcinoma
Zhen Li, Yin Sun, Xufeng Chen, Jill Squires, Behdokht Nowroozizadeh, Chaozhao Liang, and Jiaoti Huang

AC icon indicates Author Choice
For more information please visit www.aacrjournals.org

ABOUT THE COVER

Tuberous sclerosis complex (TSC) is associated with hamartomas in several organs in patients, including the brain, kidneys, heart, and skin. The cover shows hematoxylin and eosin staining of a paw section from an 8-week-old wild-type mouse. At the same age, Tsc1cc DARPP Cre mouse displays paw lesions with multiple hemangiosarcomas. Please see the article by Leech and colleagues (beginning on page 548) for more information.
Updated version  Access the most recent version of this article at:
http://mcr.aacrjournals.org/content/13/3

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.