

Highlights of This Issue 165

REVIEW

- 167** The Molecular Balancing Act of p16^{INK4a} in Cancer and Aging
Kyle M. LaPak and Christin E. Burd

MCR RapidIMPACT

- 184** Prostate Cancer Genetic-susceptibility Locus on Chromosome 20q13 is Amplified and Coupled to Androgen Receptor-regulation in Metastatic Tumors
David P. Labbé, Dawid G. Nowak, Geneviève Deblois, Laurent Lessard, Vincent Giguère, Lloyd C. Trotman, and Michel L. Tremblay

CELL CYCLE AND SENESCENCE

- 190** miRNA-302b Suppresses Human Hepatocellular Carcinoma by Targeting AKT2
Lumin Wang, Jiayi Yao, Xiaogang Zhang, Bo Guo, Xiaofeng Le, Mark Cubberly, Zongfang Li, Kejun Nan, Tusheng Song, and Chen Huang
- 203** p53/mdm2 Feedback Loop Sustains miR-221 Expression and Dictates the Response to Anticancer Treatments in Hepatocellular Carcinoma
Francesca Fornari, Maddalena Milazzo, Marzia Galassi, Elisa Callegari, Angelo Veronese, Hisamitsu Miyaaki, Silvia Sabbioni, Vilma Mantovani, Elena Marasco, Pasquale Chieco, Massimo Negrini, Luigi Bolondi, and Laura Gramantieri


CELL DEATH AND SURVIVAL

- 217** Inhibition of PP2A Activity Confers a TRAIL-Sensitive Phenotype during Malignant Transformation
Hongmei Yang, Xuanyu Chen, Xuegang Wang, Yansheng Li, Shaoyong Chen, Xiaohui Qian, Rong Wang, Li Chen, Weiwei Han, Anming Ruan, Quansheng Du, Aria F. Olumi, and Xiaoping Zhang

CHROMATIN, GENE, AND RNA REGULATION

- 228** The Metalloprotease ADAMTS8 Displays Antitumor Properties through Antagonizing EGFR–MEK–ERK Signaling and Is Silenced in Carcinomas by CpG Methylation
Gigi C.G. Choi, Jisheng Li, Yajun Wang, Lili Li, Lan Zhong, Brigitte Ma, Xianwei Su, Jianming Ying, Tingxiu Xiang, Sun Young Rha, Jun Yu, Joseph J.Y. Sung, Sai Wah Tsao, Anthony T.C. Chan, and Qian Tao

DNA DAMAGE AND REPAIR

- 239** Angiopoietin-like Protein 2 Accelerates Carcinogenesis by Activating Chronic Inflammation and Oxidative Stress
 Jun Aoi, Motoyoshi Endo, Tsuyoshi Kadomatsu, Keishi Miyata, Aki Ogata, Haruki Horiguchi, Haruki Odagiri, Tetsuro Masuda, Satoshi Fukushima, Masatoshi Jinnin, Satoshi Hirakawa, Tomohiro Sawa, Takaaki Akaike, Hironobu Ihn, and Yuichi Oike

GENOMICS

- 250** Comparative microRNA Profiling of Prostate Carcinomas with Increasing Tumor Stage by Deep Sequencing
Martin Hart, Elke Nolte, Sven Wach, Jaroslaw Szczyrba, Helge Taubert, Tilman T. Rau, Arndt Hartmann, Friedrich A. Grässer, and Bernd Wullich

ONCOGENES AND TUMOR SUPPRESSORS

- 264** NEDD9 Regulates 3D Migratory Activity Independent of the Rac1 Morphology Switch in Glioma and Neuroblastoma
Jessie Zhong, Cuc T. Bach, Michael S.Y. Shum, and Geraldine M. O'Neill

Table of Contents

- 274** C-C Chemokine Receptor 5 on Pulmonary Mesenchymal Cells Promotes Experimental Metastasis via the Induction of Erythroid Differentiation Regulator 1
Robert L. Mango, Qing Ping Wu, Michelle West, Everett C. McCook, Jonathan S. Serody, and Hendrik W. van Deventer

SIGNAL TRANSDUCTION

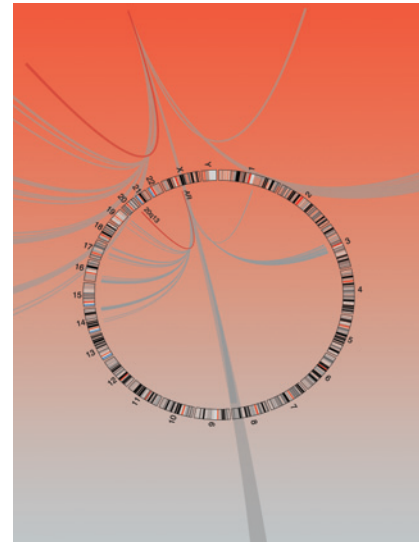
- 283** BMP Signaling Induces Astrocytic Differentiation of Clinically Derived Oligodendrogloma Propagating Cells
Maya Srikanth, Juno Kim, Sunit Das, and John A. Kessler

 AC icon indicates Author Choice

For more information please visit www.aacrjournals.org

ABOUT THE COVER

The cover shows a Circos plot of genome-wide coamplification events of androgen receptor (*AR*) locus and the prostate cancer susceptibility region HPC20 at chromosome 20q13. Only 8 other chromosomes show similarly significant coamplification with the *AR* in metastasis, and the *AR* regulates several genes within the 20q13 region. Some of these have already been linked to oncogenic functions, thus pointing to a functional role of the 20q13-*AR* coamplification in prostate metastasis and therapy resistance. See the article by Labbé and colleagues (beginning on page 184) for more information.



Molecular Cancer Research

12 (2)

Mol Cancer Res 2014;12:165-294.

Updated version Access the most recent version of this article at:
<http://mcr.aacrjournals.org/content/12/2>

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/12/2>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.