

MOLECULAR CANCER RESEARCH

TABLE OF CONTENTS

HIGHLIGHTS

1441 Selected Articles from This Issue

CANCER GENES AND NETWORKS

1443 **Thyroid Hormone Receptor Beta Induces a Tumor-Suppressive Program in Anaplastic Thyroid Cancer**

Eric L. Bolf, Noelle E. Gillis, Cole D. Davidson, Princess D. Rodriguez, Lauren Cozzens, Jennifer A. Tomczak, Seth Fietze, and Frances E. Carr

1453 **Proteasome Subunits Differentially Control Myeloma Cell Viability and Proteasome Inhibitor Sensitivity**

Chang-Xin Shi, Yuan Xiao Zhu, Laura A. Bruins, Cecilia Bonolo de Campos, William Stewart, Esteban Braggio, and A. Keith Stewart

1465 **NRF2-Driven *KEAP1* Transcription in Human Lung Cancer**

Yijun Tian, Qian Liu, Shengnan Yu, Qian Chu, Yuan Chen, Kongming Wu, and Liang Wang

1477 **Elevated V-ATPase Activity Following PTEN Loss Is Required for Enhanced Oncogenic Signaling in Breast Cancer**

Amro H. Mohammad, Sung-Hoon Kim, Nicholas Bertos, Wissal El-Assaad, Ipshta Nandi, Harvey Smith, Jieyi Yang, Owen J. Chen, Isabelle Gamache, Trisha Rao, Bruno Gagnon, Tina Grusso, Michel L. Tremblay, Nahum Sonenberg, Marie-Christine Guiot, William Muller, Morag Park, and Jose G. Teodoro

1491 **R-spondin2 Suppresses the Progression of Hepatocellular Carcinoma via MAPK Signaling Pathway**

Chang Zheng, Fan Zhou, Liang Liang Shi, Gui Fang Xu, Bin Zhang, Lei Wang, Yuzheng Zhuge, Xiao Ping Zou, and Yi Wang

METABOLISM

1500 **Fatty Acid Oxidation Is an Adaptive Survival Pathway Induced in Prostate Tumors by HSP90 Inhibition**

Zeyad D. Nassar, Chui Yan Mah, Margaret M. Centenera, Swati Irani, Martin C. Sadowski, Julia S. Scott, Elizabeth V. Nguyen, Shilpa R. Nagarajan, Max Moldovan, David J. Lynn, Roger J. Daly, Andrew J. Hoy, and Lisa M. Butler

NEW HORIZONS IN CANCER BIOLOGY

1512 **Inhibition of O-GlcNAc Transferase Renders Prostate Cancer Cells Dependent on CDK9**

Harri M. Itkonen, Ninu Poullose, Rebecca E. Steele, Sara E.S. Martin, Zebulun G. Levine, Damien Y. Duveau, Ryan Carelli, Reema Singh, Alfonso Urbanucci, Massimo Loda, Craig J. Thomas, Ian G. Mills, and Suzanne Walker

1522 **HCN Channel Activity Balances Quiescence and Proliferation in Neural Stem Cells and Is a Selective Target for Neuroprotection During Cancer Treatment**

Helena Johard, Anna Omelyanenko, Gao Fei, Misha Zilberter, Zankruti Dave, Randa Abu-Youssef, Linnéa Schmidt, Aditya Harisankar, C. Theresa Vincent, Julian Walfridsson, Sven Nelander, Tibor Harkany, Klas Blomgren, and Michael Andäng

RNA BIOLOGY

1534 **The Long Noncoding RNA *NEAT1* Promotes Sarcoma Metastasis by Regulating RNA Splicing Pathways**

Jianguo Huang, Mohit Sachdeva, Eric Xu, Timothy J. Robinson, Lixia Luo, Yan Ma, Nerissa T. Williams, Omar Lopez, Lisa D. Cervia, Fan Yuan, Xiaodi Qin, Dadong Zhang, Kouros Owzar, Nalan Gokgoz, Andrew Seto, Tomoyo Okada, Samuel Singer, Irene L. Andrulis, Jay S. Wunder, Alexander J. Lazar, Brian P. Rubin, Krista Piphon, Stephano S. Mello, Jimena Giudice, and David G. Kirsch

1545 **The ERG-Regulated *LINC00920* Promotes Prostate Cancer Cell Survival via the 14-3-3 ϵ -FOXO Pathway**

Arlou Kristina Angeles, Doreen Heckmann, Niclas Flosdorf, Stefan Duensing, and Holger Sültmann

TABLE OF CONTENTS

SIGNAL TRANSDUCTION AND FUNCTIONAL IMAGING

- 1560** **SPANX Control of Lamin A/C Modulates Nuclear Architecture and Promotes Melanoma Growth**
Ikrame Lazar, Bertrand Fabre, Yongmei Feng, Ali Khateb, Patrick Turko, Julia M. Martinez Gomez, Dennie T. Frederick, Mitchell P. Levesque, Lea Feld, Gao Zhang, Tongwu Zhang, Brian James, Jeny Shklover, Emily Avitan-Hersh, Ido Livneh, Marzia Scortegagna, Kevin Brown, Ola Larsson, Ivan Topisirovic, Haguy Wolfenson, Meenhard Herlyn, Keith Flaherty, Reinhard Dummer, and Ze'ev A. Ronai
- 1574** **The YAP-Interacting Phosphatase SHP2 Can Regulate Transcriptional Coactivity and Modulate Sensitivity to Chemotherapy in Cholangiocarcinoma**
EeeLN H. Buckarma, Nathan W. Werneburg, Caitlin B. Conboy, Ayano Kabashima, Daniel R. O'Brien, Chen Wang, Sumera Rizvi, and Rory L. Smoot

TUMOR MICROENVIRONMENT AND IMMUNOBIOLOGY

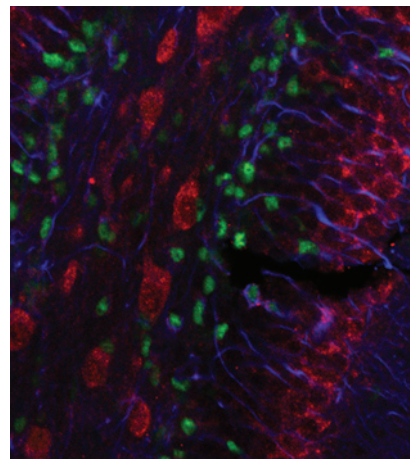
- 1589** **Inhibition of Aurora-A Promotes CD8⁺ T-Cell Infiltration by Mediating IL10 Production in Cancer Cells**
Jing Han, Zhen Jiang, Chennan Wang, Xin Chen, Rongqing Li, Na Sun, Xiangye Liu, Hui Wang, Li Hong, Kuiyang Zheng, Jing Yang, and Takayuki Ikezoe
- 1603** **Exposure of Patient-Derived Mesenchymal Stromal Cells to TGFβ1 Supports Fibrosis Induction in a Pediatric Acute Megakaryoblastic Leukemia Model**
Theresa Hack, Stefanie Bertram, Helen Blair, Verena Börger, Guntram Büsche, Lora Denson, Enrico Fruth, Bernd Giebel, Olaf Heidenreich, Ludger Klein-Hitpass, Laxmikanth Kollipara, Stephanie Sendker, Albert Sickmann, Christiane Walter, Nils von Neuhoff, Helmut Hanenberg, Dirk Reinhardt, Markus Schneider, and Mareike Rasche

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ABOUT THE COVER

Chemotherapy and radiotherapy are key components of the clinical response to pediatric brain tumors, but their use in the context of the developing brain in children comes at a cost: these cytotoxic interventions are also thought to harm proliferating neural stem cells (NSC), thereby causing cognitive impairment in patients. The cover depicts immunofluorescence staining of the neurogenic subventricular zone with NSC markers (GFAP in blue and Sox2 in green), as well as the ion channel Hyperpolarization-activated Cyclic Nucleotide-gated (HCN) 3. In this issue, Johard and colleagues demonstrate that this critical NSC population can be spared from adverse therapeutic side effects by blockade of HCN ion currents without sacrificing antitumor efficacy. For more information, see the Highlight on page 1441 and the article on page 1522.



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