


Highlights of This Issue 1775

REVIEW

- 1777** The Emerging Role of YAP/TAZ in Tumor
 Immunity
 Zhaoji Pan, Yiqing Tian, Chengsong Cao, and Guoping Niu

CANCER GENES AND NETWORKS

- 1787** AKT1^{E17K} Activates Focal Adhesion Kinase and Promotes Melanoma Brain Metastasis
 David A. Kircher, Kirby A. Trombetti, Mark R. Silvis, Gennie L. Parkman, Grant M. Fischer, Stephanie N. Angel, Christopher M. Stehn, Sean C. Strain, Allie H. Grossmann, Keith L. Duffy, Kenneth M. Boucher, Martin McMahon, Michael A. Davies, Michelle C. Mendoza, Matthew W. VanBrocklin, and Sheri L. Holmen
- 1801** CD44 Regulates Formation of Spheroids and Controls Organ-Specific Metastatic Colonization in Epithelial Ovarian Carcinoma
 Joelle Sacks Suarez, Hilal Gurler Main, Goda G. Muralidhar, Osama Elfturi, Hao-Liang Xu, Andre A. Kajdacsy-Balla, and Maria V. Barbolina

- 1815** The Sustained Induction of c-MYC Drives Nab-Paclitaxel Resistance in Primary Pancreatic Ductal Carcinoma Cells
 Erika Parasido, George S. Avetian, Aisha Naeem, Garrett Graham, Michael Pishvaian, Eric Glasgow, Shaile Mudambi, Yichien Lee, Chukwuemeka Ihemelandu, Muhammad Choudhry, Ivana Peran, Partha P. Banerjee, Maria Laura Avantaggiati, Kirsten Bryant, Elisa Baldelli, Mariaelena Pierobon, Lance Liotta, Emanuel Petricoin, Stanley T. Fricke, Aimy Sebastian, Joseph Cozzitorto, Gabriela G. Loots, Deepak Kumar, Stephen Byers, Eric Londin, Analisa DiFeo, Goutham Narla, Jordan Winter, Jonathan R. Brody, Olga Rodriguez, and Chris Albanese

CANCER "-OMICS"

- 1828** Identification of Endogenous Adenomatous Polyposis Coli Interaction Partners and β -Catenin-Independent Targets by Proteomics
 Olesja Popow, João A. Paulo, Michael H. Tatham, Melanie S. Volk, Alejandro Rojas-Fernandez, Nicolas Loyer, Ian P. Newton, Jens Januschke, Kevin M. Haigis, and Inke Näthke

- 1842** Identification of Targetable Recurrent MAP3K8 Rearrangements in Melanomas Lacking Known Driver Mutations
 Brian D. Lehmann, Timothy M. Shaver, Douglas B. Johnson, Zhu Li, Paula I. Gonzalez-Ericsson, Violeta Sánchez, Yu Shyr, Melinda E. Sanders, and Jennifer A. Pietsenpol


- 1854** Identification of *De Novo* Enhancers Activated by TGF β to Drive Expression of *CDKN2A* and *B* in HeLa Cells
 Yen-Ting Liu, Lin Xu, Lynda Bennett, Jared C. Hooks, Jing Liu, Qinbo Zhou, Priscilla Liem, Yanbin Zheng, and Stephen X. Skapek

CELL FATE DECISIONS

- 1867** CD71⁺ Population Enriched by HPV-E6 Protein Promotes Cancer Aggressiveness and Radioresistance in Cervical Cancer Cells
 Thomas Ho-Yin Leung, Hermit Wai-Man Tang, Michelle Kwan-Yee Siu, David Wai Chan, Karen Kar-Loen Chan, Annie Nga-Yin Cheung, and Hextan Yuen-Sheung Ngan

METABOLISM

- 1881** Gamma-Glutamyltransferase 1 Promotes Clear Cell Renal Cell Carcinoma Initiation and Progression
 Ankita Bansal, Danielle J. Sanchez, Vivek Nimgaonkar, David Sanchez, Romain Riscal, Nicolas Skuli, and M. Celeste Simon

- 1893** Cigarette Smoke Induces Metabolic Reprogramming of the Tumor Stroma in Head and Neck Squamous Cell Carcinoma

 Marina Domingo-Vidal, Diana Whitaker-Menezes, Cristina Martos-Rus, Patrick Tassone, Christopher M. Snyder, Madalina Tuluc, Nancy Philp, Joseph Curry, and Ubaldo Martinez-Outschoorn

NEW HORIZONS IN CANCER BIOLOGY

- 1910** Therapeutic Effect of Y-27632 on Tumorigenesis and Cisplatin-Induced Peripheral Sensory Loss through RhoA-NF- κ B
 Yi Zhu, George A. Howard, Keith Pittman, Christi Boykin, Laura E. Herring, Emily M. Wilkerson, Kathryn Verbanac, and Qun Lu

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RNA BIOLOGY

- 1920** Serine/Arginine–Rich Splicing Factor 3 Modulates the Alternative Splicing of Cytoplasmic Polyadenylation Element Binding Protein 2



James T. DeLigio, Shaun C. Stevens, Gina S. Nazario-Muñoz, H. Patrick MacKnight, Keli K. Doe, Charles E. Chalfant, and Margaret A. Park

SIGNAL TRANSDUCTION AND FUNCTIONAL IMAGING

- 1931** Novel Oral mTORC1/2 Inhibitor TAK-228 Has Synergistic Antitumor Effects When Combined with Paclitaxel or PI3K α Inhibitor TAK-117 in Preclinical Bladder Cancer Models

Anna Hernández-Prat, Alejo Rodríguez-Vida, Nuria Juanpere-Rodero, Oriol Arpi, Silvia Menéndez, Luis Soria-Jiménez, Alejandro Martínez, Natalia Iarchouk, Federico Rojo, Joan Albanell, Rachael Brake, Ana Rovira, and Joaquim Bellmunt

- 1945** KRAS Activation in Gastric Adenocarcinoma Stimulates Epithelial-to-Mesenchymal Transition to Cancer Stem–Like Cells and Promotes Metastasis

Changhwan Yoon, Jacob Till, Soo-Jeong Cho, Kevin K. Chang, Jian-xian Lin, Chang-ming Huang, Sandra Ryeom, and Sam S. Yoon

CORRECTION

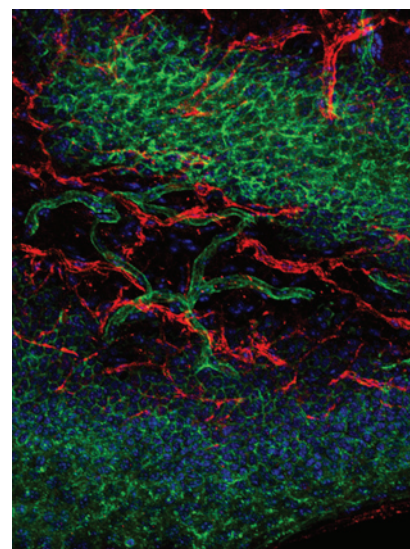
- 1958** Correction: Discovery and Characterization of Recurrent, Targetable ALK Fusions in Leiomyosarcoma

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ABOUT THE COVER

The cover image depicts confocal light microscopy of tumor-bearing mouse foot pad tissue. Myelinated epidermal nerve fibers have been labeled with S-100 antibody (red). FITC-Phalloidin reveals actin structure in the skin (green), whereas Hoechst indicates cell nuclei (blue). Cisplatin therapy is associated with reduced numbers of large myelinated epidermal nerve fibers in the skin, leading to loss of sensation. Here, Zhu and colleagues demonstrate that the Rho kinase (ROCK) inhibitor Y-27632 protects myelinated epidermal nerve fibers from cisplatin-induced impairment in mouse foot pad tissue. See the Highlight on page 1775 and the article on page 1910 for more information.



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