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Shanta M. Messerli, Mariah M. Hoffman, Etienne Z. Gnimpieba, and Ratan D. Bhardwaj

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**984** Combined AURKA and H3K9 Methyltransferase Targeting Inhibits Cell Growth By Inducing Mitotic Catastrophe
Angela Mathison, Ann Salmonson, Mckenna Missfeldt, Jennifer Bintz, Monique Williams, Sarah Kossak, Asha Nair, Thiago M. de Assuncao, Trace Christensen, Navtej Buttar, Juan Iovanna, Robert Huebert, and Gwen Lomberk

**998** Epigenetic Regulation of ZBTB18 Promotes Glioblastoma Progression
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**1012** Next-Generation Sequencing Analysis and Algorithms for PDX and CDX Models
Garima Khandelwal, Maria Romina Girotti, Christopher Smowton, Sam Taylor, Christopher Wirth, Marek Dynowski, Reza Nejati, Yashodhara Dasgupta, Michael Hulse, Daniel Gritsyuk, Margaret Nieborowska-Skorska, Lena N. Lupey-Green, Huaqing Zhao, Katarzyna Piwocka, Mariusz A. Wasik, Italo Tempera, and Tomasz Skorski

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Mark A. White, Chenchu Lin, Kimal Rajapakse, Jianrong Dong, Yan Shi, Efrosini Tsouko, Ratna Mukhopadhyay, Diana Jasso, Wajahat Dawood, Cristian Coarfa, and Daniel E. Frigo

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**1029** miR-202 Diminishes TGFβ Receptors and Attenuates TGFβ1-Induced EMT in Pancreatic Cancer
Hardik R. Mody, Sau Wai Hung, Rakesh K. Pathak, Jasmine Griffin, Zobeda Cruz-Monserrate, and Raigopal Govindarajan

**1040** High-Affinity Internalizing Human scFv-Fc Antibody for Targeting FGFR1-Overexpressing Lung Cancer
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**1063** Aurora Kinase A Promotes AR Degradation via the E3 Ligase CHIP
Sukumar Sarkar, David L. Brautigan, and James M. Larner

**1073** Regulation of USP37 Expression by REST-Associated G9a-Dependent Histone Metylation
Tara H.W. Dobson, Rashieda J. Hatcher, Jyothishmathi Swaminathan, Chandra M. Das, Shavali Shah, Rong-Hua Tao, Ciro Miltie, Sabrina Castellano, Peter H. Taylor, Gianluca Sbardella, and Vidy A. Gopalakrishnan

**SIGNAL TRANSDUCTION**

**1085** EGFR Signals through a DOCK180-MLK3 Axis to Drive Glioblastoma Cell Invasion
Saeed A. Misak, Jian Chen, Laura Schroeder, Chotirat Rattanasinchai, Ashley Sample, Jann N. Sarkaria, and Kathleen A. Gallo
ABOUT THE COVER

This study, by Pappas and colleagues (beginning on page 1051), demonstrates that the p53 tumor suppressor maintains baseline expression of numerous other well-validated tumor suppressor genes. Mammary epithelial cells grown in 3D culture form acinar structures that are suitable model systems to study signaling and growth properties. We used CRISPR/Cas9-mediated genetic modifications in the nontumorigenic mammary epithelial cell line MCF10A and found that interruption of the baseline activation of PTEN by p53 increases tumorigenic properties by influencing the size of the acini, proliferation, and signaling in 3D culture. Photographs shown are created by immunofluorescence of the acini structures for various signaling proteins.
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