Highlights of This Issue 1057

REVIEW
1059 Dissecting the Dual Role of AMPK in Cancer: From Experimental to Human Studies
Giorgia Zadra, Julie L. Batista, and Massimo Loda

CELL CYCLE AND SENESCENCE
1073 Therapeutic Targeting of Nuclear γ-Tubulin in RB1-Negative Tumors
Lisa Lindström, Bruno O. Villoutreix, Sophie Lehn, Rebeca Hellsten, Elise Nilsson, Enisa Cmeta, Roger Olsson, and Maria Alvarado-Kristensson

CELL DEATH AND SURVIVAL
1083 Transglutaminase Is Required for Epidermal Squamous Cell Carcinoma Stem Cell Survival
Matthew L. Fisher, Jeffrey W. Keillor, Wen Xu, Richard L. Eckert, and Candace Kerr

CHROMATIN, GENE, AND RNA REGULATION
1095 miR-19–Mediated Inhibition of Transglutaminase-2 Leads to Enhanced Invasion and Metastasis in Colorectal Cancer

1106 Loss of miR-223 and JNK Signaling Contribute to Elevated Stathmin in Malignant Pleural Mesothelioma
Kimberly A. Birnie, Yan Y. Yip, Dominic C.H. Ng, Michaela B. Kirschner, Glen Reid, Cecilia M. Préle, Arthur W. (Bill) Musk, Y.C. Gary Lee, Philip J. Thompson, Steven E. Mutsaers, and Bahareh Badrian

GENOMICS
1119 CHCHD2 Is Coamplified with EGFR in NSCLC and Regulates Mitochondrial Function and Cell Migration
Yuhong Wei, Ravi N. Vellanki, Étienne Coyard, Vladimir Ignatchenko, Lei Li, Jonathan R. Krieger, Paul Taylor, Jiefei Tong, Nhu-An Pham, Geoffrey Liu, Brian Raught, Bradly G. Wouters, Thomas Kislinger, Ming Sound Tsao, and Michael F. Moran

ONCOGENES AND TUMOR SUPPRESSORS
1130 SPINK1 Status in Colorectal Cancer, Impact on Proliferation, and Role in Colitis-Associated Cancer
Satoshi Ida, Nobuyuki Ozaki, Kimi Araki, Kotaro Hirashima, Yoko Zaitsu, Katsunobu Taki, Yasuo Sakamoto, Yuji Miyamoto, Eiji Oki, Masaru Morita, Masayuki Watanabe, Yoshikiko Maehara, Ken-ichi Yamamura, Hidey Baba, and Masaki Ohmuraya

1139 HIC1 Tumor Suppressor Loss Potentiates TLR2/NF-κB Signaling and Promotes Tissue Damage–Associated Tumorigenesis
Lucie Janeckova, Vendula Pospichalova, Bohumil Fafílek, Martina Vojtechova, Jolana Tureckova, Jan Dobes, Marion Dubuissez, Dominique Leprince, Nikol Baloghova, Monika Horazna, Adela Hlavata, Jitka Stancikova, Eva Sloncova, Katerina Galuskova, Hynek Strnad, and Vladimir Korinek

SIGNAL TRANSDUCTION
1149 STAT3 and HIF1α Signaling Drives Oncogenic Cellular Phenotypes in Malignant Peripheral Nerve Sheath Tumors
Ellie Rad, Kayleigh Dodd, Laura Thomas, Meena Upadhyaya, and Andrew Tee

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

Mitotic progression was monitored by confocal fluorescence/differential interference contrast (DIC) images of time lapse from living MCF10A cells incubated in the presence of vehicle or 100 μM citral dimethyl acetal. The image series show chosen frames of images that were collected every 30 s. Hoechst 33258 was used to stain chromatin (blue). Please see the article by Lindström and colleagues (beginning on page 1073) for more information.