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#### MINIREVIEW

501  Dysregulated GPCR Signaling and Therapeutic Options in Uveal Melanoma  
Vivian Chua, Dominic Lapadula, Clinita Randolph, Jeffrey I. Benovic, Philip B. Wedegaertner, and Andrew E. Aplin

#### CELL CYCLE AND SENESCENCE

507  Mutant IDH1 Disrupts the Mouse Subventricular Zone and Alters Brain Tumor Progression  
Christopher J. Pirozzi, Austin B. Carpenter, Matthew S. Winkus, Catherine Y. Wang, Huishan Zhu, Landon J. Hansen, Lee H. Chen, Paula K. Greer, Je Feng, Yu Wang, Cheryl B. Bock, Ping Fan, Ivan Spasojevic, Roger E. McLendon, Darell D. Bigner, Yiping He, and Hai Yan

#### CELL DEATH AND SURVIVAL

521  Exploiting AR-Regulated Drug Transport to Induce Sensitivity to the Survivin Inhibitor YM155  

#### CHROMATIN, EPIGENETICS, AND RNA REGULATION

532  Prognostic Relevance of Tumor Purity and Interaction with MGMT Methylation in Glioblastoma  
Eva Schulze Heuling, Felix Knab, Josefine Radke, Eskil Eskilsson, Emmanuel Martinez-Ledesma, Arend Koch, Marcus Crabanka, Christoph Dieterich, Rool G. Verhaak, Christoph Harms, and Philipp Euskirchen

#### GENOMICS

541  Distinctive Histogenesis and Immunological Microenvironment Based on Transcriptional Profiles of Follicular Dendritic Cell Sarcomas  
Maria Antonella Laginestra, Claudio Tripodo, Claudio Agostinelli, Giovanna Motta, Sylvia Hartmann, Claudia Doring, Maura Rossi, Federica Melle, Maria Rosaria Sapienza, Valentina Tabanelli, Alessandro Pileri, Fabio Fuligni, Anna Gazzola, Claudia Mannu, Carlo Alberto Sagramoso, Silvia Lonardi, Luisa Lorenzi, Francesco Bacci, Elena Sabattini, Anita Borges, Ingrid Simonitsch-Klupp, Jose Cabecadas, Elias Campo, Juan Rosai, Martin-Leo Hansmann, Fabio Facchetti, and Stefano Aldo Pileri

553  Genome-Wide Analysis Identifies MEN1 and MAX Mutations and a Neuroendocrine-Like Molecular Heterogeneity in Quadruple WT GIST  

563  Comprehensive Transcriptome and Mutational Profiling of Endemic Burkitt Lymphoma Reveals EBV Type-Specific Differences  
Yasin Kaymaz, Cliff I. Oduor, Hongbo Yu, Juliana A. Otieno, John Michael Ong’echa, Ann M. Moormann, and Jeffrey A. Bailey

#### METABOLISM

577  Novel Assay to Detect RNA Polymerase I Activity In Vivo  
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585 Tumor-induced Stromal STAT1 Accelerates Breast Cancer via Deregulating Tissue Homeostasis
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598 Combined TRAF6 Targeting and Proteasome Blockade Has Anti-myeloma and Anti-Bone Resorptive Effects
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610 Constitutive Phosphorylation of STAT3 by the CK2–BLNK–CD5 Complex
Uri Rozovski, David M. Harris, Ping Li, Zhiming Liu, Preetesh Jain, Ivo Veletic, Alessandra Ferrajoli, Jan Burger, Susan O’Brien, Priyviraj Bose, Philip Thompson, Nitin Jain, William Wierda, Michael J. Keating, and Zeev Estrov

619 A Transcriptional Program for Detecting TGFβ-Induced EMT in Cancer
Momeneh Foroutan, Joseph Cursons, Sooroo Hediyeh-Zadeh, Erik W. Thompson, and Melissa J. Davis

ABOUT THE COVER

In this issue, Kaymaz and colleagues (beginning on page 563) investigate transcriptome expression and mutational profiles of patient-derived endemic Burkitt lymphoma (BL) tumors using RNA sequencing. The cover image shows the unsupervised hierarchical clustering heatmap of BL tumors based on their expression profiles of the most variant genes. While 2 sporadic BLs separate out from 28 endemic BLs, eBL tumor expression profiles demonstrate greater correlation within eBLs compared with sBLs. Transcriptome-wide gene expression correlations between eBLs did not reveal significant groupings suggesting that eBL tumors are relatively homogenous with no major underlying molecular phenotypes. Based on further analysis, the study reveals subtle differences in terms of gene expression as well as the pattern of somatic mutations that correlates EBV presence and EBV type in the tumor B cells.
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