# Highlights of This Issue 1161

## REVIEW

**1163 When Cancer Fights Back: Multiple Myeloma, Proteasome Inhibition, and the Heat-Shock Response**  
Shardule P. Shah, Sagar Lonial, and Lawrence H. Boise

## CELL DEATH AND SURVIVAL

**1174 PTK6 Potentiates Gemcitabine-Induced Apoptosis by Prolonging S-phase and Enhancing DNA Damage in Pancreatic Cancer**  
Hiroaki Ono, Marc D. Basson, and Hiromichi Ito

## CHROMATIN, GENE, AND RNA REGULATION

**1185 Defective Myb Function Ablates Cyclin E1 Expression and Perturbs Intestinal Carcinogenesis**  
Dane Cheasley, Lloyd Pereira, Shienny Sampurno, Oliver Sieber, Robert Jorissen, Huiling Xu, Markus Germann, Yan Yuyuan, Robert G. Ramsay, and Jordane Malaterre

## DNA DAMAGE AND REPAIR

**1197 Pharmacologically Increasing Mdm2 Inhibits DNA Repair and Cooperates with Genotoxic Agents to Kill p53-Inactivated Ovarian Cancer Cells**  
Alexia M. Carrillo, Melissa Hicks, Dineo Khabele, and Christine M. Eischen

## ONCOGENES AND TUMOR SUPPRESSORS

**1227 Sprouty2 Drives Drug Resistance and Proliferation in Glioblastoma**  
Alice M. Walsh, Gurpreet S. Kapoor, Janine M. Buonato, Liyou K. Mathew, Yingtao Bi, Ramana V. Davuluri, Maria Martinez-Lage, M. Celeste Simon, Donald M. O’Rourke, and Matthew J. Lazzara

**1238 Transposon Mutagenesis Screen Identifies Potential Lung Cancer Drivers and CUL3 as a Tumor Suppressor**  
Casey Dorr, Callie Janik, Madison Weg, Raha A. Been, Justin Bader, Ryan Kang, Brandon Ng, Lindsey Foran, Sean R. Landman, M. Gerard O’Sullivan, Michael Steinbach, Aaron L. Sarver, Kevin A.T. Silverstein, David A. Largaespada, and Timothy K. Starr

## SIGNAL TRANSDUCTION

**1248 Colorectal Carcinogenesis: Connecting K-RAS–Induced Transformation and CREB Activity In Vitro and In Vivo**  
André Steven, Max Heinrich, Christian V. Recktenwald, Bernhard Hiebl, Claudia Wickenhauser, Chiara Massa, and Barbara Seliger
ABOUT THE COVER

The cover image summarizes a study assessing the impact of promoter mutations on promoter activity in the whole-genome sequenced melanoma cell-line COLO-829. The study found a high number of promoter mutations \( n = 23 \), with 17% significantly altering promoter activity in reporter assays. The image is a Circos plot (circos.ca) which depicts the genome-wide mutation load and promoter regions in COLO-829, together with annotations for each of the promoter mutations analyzed in this study. Please see the article by Poulos and colleagues (beginning on page 1218) for more information.