### Highlights of This Issue

**CELL CYCLE AND SENESCENCE**

**Senescent Carcinoma-Associated Fibroblasts Upregulate IL8 to Enhance Prometastatic Phenotypes**

Tao Wang, Faiyaz Notta, Roya Navab, Joella Joseph, Emin Ibrahimov, Jing Xu, Chang-Qi Zhu, Ayelet Borgida, Steven Gallinger, and Ming-Sound Tsao

### CELL DEATH AND SURVIVAL

**ECM Composition and Rheology Regulate Growth, Motility, and Response to Photodynamic Therapy in 3D Models of Pancreatic Ductal Adenocarcinoma**

Gwendolyn M. Cramer, Dustin P. Jones, Hamid El-Hamidi, and Jonathan P. Celli

**Autophagy Induction Results in Enhanced Anoikis Resistance in Models of Peritoneal Disease**

James L. Chen, Jason David, Douglas Cook-Spaeth, Sydney Casey, David Cohen, Karuppaiah Selvendiran, Tanios Bekaii-Saab, and John L. Hays

### CHROMATIN, EPIGENETICS, AND RNA REGULATION

**Exploitation of Castration-Resistant Prostate Cancer Transcription Factor Dependencies by the Novel BET Inhibitor ABBV-075**

Emily J. Faivre, Denise Wilcox, Xiaoyu Lin, Paul Hessler, Maricel Torrent, Wei He, Tamar Uziel, Daniel H. Albert, Keith McDaniel, Warren Kati, and Yu Shen

### DNA DAMAGE AND REPAIR

**AXL Inhibition Suppresses the DNA Damage Response and Sensitizes Cells to PARP Inhibition in Multiple Cancers**

Kavitha Balaji, Smruthi Vijayaraghavan, Lixia Diao, Pan Tong, Youhong Fan, Jason P.W. Carey, Tuyen N. Bui, Steve Warner, John V. Heymach, Kelly K. Hunt, Jing Wang, Lauren Averett Byers, and Khandan Keyomarsi

### SIGNAL TRANSDUCTION

**Interplay between Cytoplasmic and Nuclear Androgen Receptor Splice Variants Mediates Castration Resistance**

Yang Zhan, Guanyi Zhang, Xiaojie Wang, Yanfeng Qi, Shanshan Bai, Dongying Li, Tianfang Ma, Oliver Sartor, Erik K. Flemington, Haitao Zhang, Peng Lee, and Yan Dong

**Src Family Kinases Are Regulated in Multiple Myeloma Cells by Phosphatase of Regenerating Liver-3**

Pegah Abdollahi, Esten N. Vandsemb, Magnus A. Hjort, Kristine Misund, Toril Holien, Anne-Mariit Sponaas, Torstein B. Ro, Tobias S. Slordahl, and Magne Børset

**Exosomes Promote Ovarian Cancer Cell Invasion through Transfer of CD44 to Peritoneal Mesothelial Cells**

Koji Nakamura, Kenjiro Sawada, Yasuto Kinose, Akihiko Yoshimura, Aska Toda, Erika Nakatsuka, Kae Hashimoto, Seiji Mabuchi, Ken-ichirou Morishige, Hirohisa Kurachi, Ernst Lengyel, and Tadashi Kimura

**Exosomal Annexin II Promotes Angiogenesis and Breast Cancer Metastasis**

Sayantan Maji, Pankaj Chaudhary, Irina Akopova, Phung M. Nguyen, Richard J. Hare, Ignacy Gryczynski, and Jamboor K. Vishwanatha

**Overcoming EGFR Bypass Signal-Induced Acquired Resistance to ALK Tyrosine Kinase Inhibitors in ALK-Translocated Lung Cancer**

Masayoshi Miyawaki, Hiroyuki Yasuda, Daisuke Arai, Kota Ishioka, Keiko Ohgino, Shigenari Nukaga, Toshiyuki Hirano, Ichiro Kawada, Katsuhiko Naoki, Yuichiro Hayashi, Tomoko Betsuyaku, and Kengo Soejima
ABOUT THE COVER

The cover illustrates the striking correlation between AXL expression at the protein and mRNA level in patient tumors from three distinct cancer types: two lung cancer cohorts, a head and neck squamous cell carcinoma cohort, and a breast cancer cohort. For additional details see Balaji and colleagues (page 45).