## Highlights of This Issue

### REVIEW
- **Cancer Immunotherapy: Whence and Whither**
  - Peter J. Stambrook, John Maher, and Fazzin Fazaneeh

### CELL CYCLE AND SENESCENCE
- **The E3 Ligase CHIP Mediates p21 Degradation to Maintain Radioresistance**
  - Kuntal Biswas, Sukumar Sarkar, Kangping Du, David L. Brautigan, Tarek Abbas, and James M. Larner

### CELL DEATH AND SURVIVAL
- **CDK4/6 Therapeutic Intervention and Viable Alternative to Taxanes in CRPC**
- **Dual Targeting of Mesenchymal and Amoeboid Motility Hinders Metastatic Behavior**
  - Brandon C. Jones, Laura C. Kelley, Yuriy V. Loskutov, Kristina M. Marinak, Varvara K. Kozyreva, Matthew B. Smolkin, and Elena N. Pugacheva

### GENOMICS
- **Expression Profiling of Circulating Microvesicles Reveals Intercellular Transmission of Oncogenic Pathways**
  - Gloria Milani, Tobia Lana, Silvia Bresolin, Sanja Aveic, Anna Pastò, Chiara Frasson, and Geertruy te Kronnie
- **CRISPR Knockout of the HuR Gene Causes a Xenograft Lethal Phenotype**

### ONCOGENES AND TUMOR SUPPRESSORS
- **Chromosome 20q Amplification Defines a Subtype of Microsatellite Stable, Left-Sided Colon Cancers with Wild-type RAS/RAF and Better Overall Survival**
  - Ryan N. Ptashkin, Carlos Pagan, Rona Yaeger, Sumit Middha, Jinru Shia, Kevin P. O’Rourke, Michael F. Berger, Xu Wang, Robert Cámara, Jaijing Wang, David S. Kliment, Leonard Saltz, Marc Ladanyi, Ahmet Zehir, and Jaclyn F. Hechtman

### SIGNAL TRANSDUCTION
- **Pancreatic Neuroendocrine Tumors and EMT Behavior Are Driven by the CSC Marker DCLK1**
  - Yu Ikezono, Hironori Koga, Jun Akiba, Mitsuhiko Abe, Takafumi Yoshida, Fumitaka Wada, Tom Nakamura, Hideki Iwamoto, Atsutaka Masuda, Takahiko Sakae, Hirohisa Yano, Osamu Tsuruta, and Takuji Torimura
- **Phosphatidylserine Sensing by TAM Receptors Regulates AKT-Dependent Chemoresistance and PD-L1 Expression**
765 INPP4B and PTEN Loss Leads to PI-3,4-P2 Accumulation and Inhibition of PI3K in TNBC
Darien E. Reed and Kevan M. Shokat

776 Novel Insights into Gastric Cancer: Methylation of R-spondins and Regulation of LGR5 by SP1
Franziska Wilhelm, Eva Simon, Christine Böger, Hans-Michael Behrens, Sandra Krüger, and Christoph Röcken

ABOUT THE COVER
Circulating microvesicles (MVs) have emerged as having important (patho)physiological roles in cell-to-cell communication. In cancers, tumor-derived MVs can include information that is potentially oncogenic. In plasma of leukemia patients, circulating MVs were shown to carry leukemia specific fusion transcripts and gene expression analysis revealed that cargo of MVs derived from leukemia cells encloses oncogenic fusion transcripts and mRNA related to basic functions of leukemic cells. The cover image shows MVs isolated from K562 leukemia cell culture internalized in the cytoplasm of mesenchymal stem cells (MSCs) 1 hour after co-culture with MVs. K562 derived MVs were stained with red dye PHK26, β-tubulin is depicted in green and nuclei are stained in blue. Co-culture experiments further showed that MVs released from leukemia cells enhance proliferation of MSCs. Please see the article by Milani et al. (beginning on page 683) for more information.