## HIGHLIGHTS

1255  Selected Articles from This Issue

## REVIEW

1257  Epithelial–Mesenchymal Transition Programs and Cancer Stem Cell Phenotypes: Mediators of Breast Cancer Therapy Resistance

Alex J. Gooding and William P. Schiemann

## CANCER GENES AND NETWORKS

1315  Clinical Characteristics and Exploratory Genomic Analyses of Germline BRCA1 or BRCA2 Mutations in Breast Cancer

Sehhoon Park, Eunjin Lee, Seri Park, Sohee Lee, Seok Jin Nam, Seok Won Kim, Jeong Eun Lee, Jong-Han Yu, Ji-Yeon Kim, Jin Seok Ahn, Young-Hyuck Im, Woong-Yang Park, Kyunghee Park, and Yeon Hee Park

## CANCER “-OMICS”

1278  Metastasis-Specific Gene Expression in Autochthonous and Allograft Mouse Mammary Tumor Models: Stratification and Identification of Targetable Signatures

Christina Ross, Karol Szczepanek, Maxwell Lee, Howard Yang, Cody J. Peer, Jessica Kindrick, Priya Shankarappa, Zhi-Wei Lin, Jack D. Sanford, William D. Figg, and Kent W. Hunter

1290  Single-Cell Transcriptomics Analysis Identifies Nuclear Protein 1 as a Regulator of Docetaxel Resistance in Prostate Cancer Cells

Patricia M. Schnepp, Greg Shelley, Jinlu Dai, Nicole Wakim, Hui Jiang, Atsushi Mizokami, and Evan T. Keller

1302  Oncogenic Gene-Expression Programs in Leiomyosarcoma and Characterization of Conventional, Inflammatory, and Uterogenic Subtypes

Matthew L. Hemming, Changyu Fan, Chandrakiot P. Raut, George D. Demetri, Scott A. Armstrong, Ewa Sicinska, and Suzanne George

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1315  Clinical Characteristics and Exploratory Genomic Analyses of Germline BRCA1 or BRCA2 Mutations in Breast Cancer

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## CANCER GENES AND NETWORKS

1326  Telomere DNA Damage Signaling Regulates Prostate Cancer Tumorigenesis

Jianchun Wu and David L. Crowe

1340  Circadian Oscillations Persist in Cervical and Esophageal Cancer Cells Displaying Decreased Expression of Tumor-Suppressing Circadian Clock Genes

Pauline J. van der Watt, Laura C. Roden, Kate T. Davis, M. Iqbal Parker, and Virna D. Leaner

## CELL FATE DECISIONS

1354  DNA Replication Stress Induced by Trifluridine Determines Tumor Cell Fate According to p53 Status

Yuki Kataoka, Makoto Iimori, Ryo Fujisawa, Tomomi Morikawa-Ichinose, Shinichiro Niimi, Takeshi Wakasa, Hiroshi Saeki, Eiji Oki, Daisuke Miura, Toshiki Tsurimoto, Yoshihiko Maehara, and Hiroyuki Kitao

## GENOME MAINTENANCE

1367  HDAC3 Is Required for XPC Recruitment and Nucleotide Excision Repair of DNA Damage Induced by UV Irradiation

Koji Nishimoto, Hiroyuki Niida, Chiharu Uchida, Tatsuya Ohhata, Kyoko Kitagawa, Akira Motegi, Takaumi Suda, and Masatoshi Kitagawa

## METABOLISM

1379  Mitochondria Participate in Chemoresistance to Cisplatin in Human Ovarian Cancer Cells

Luca X. Zampieri, Debora Grasso, Caroline Bouzin, Davide Brusa, Rodrigue Rossignol, and Pierre Sonveaux
PRAS40 Phosphorylation Correlates with Insulin-Like Growth Factor-1 Receptor-Induced Resistance to Epidermal Growth Factor Receptor Inhibition in Head and Neck Cancer Cells

Michael I. Dougherty, Christine E. Lehman, Adam Spencer, Rolando E. Mendez, Abel P. David, Linnea E. Taniguchi, Julie Wulfkuhle, Emanuel F. Petricoin, Daniel Gioeli, and Mark J. Jameson

A TGFβ-Dependent Stromal Subset Underlies Immune Checkpoint Inhibitor Efficacy in DNA Mismatch Repair-Deficient/Microsatellite Instability-High Colorectal Cancer

Eisei Endo, Hirokazu Okayama, Katsuharu Saito, Shotaro Nakajima, Leo Yamada, Daisuke Ujiie, Koji Kase, Shotaro Fujita, Hisahito Endo, Wataru Sakamoto, Motonobu Saito, Zenichiro Saze, Tomoyuki Momma, Shinji Ohki, Kosaku Mimura, and Koji Kono

Stromal CAVIN1 Controls Prostate Cancer Microenvironment and Metastasis by Modulating Lipid Distribution and Inflammatory Signaling

Jin-Yih Low, W. Nathaniel Brennen, Alan K. Meeker, Elina Ikonen, Brian W. Simons, and Marikki Laiho

Tumor Endothelial Cell–Mediated Antigen-Specific T-cell Suppression via the PD-1/PD-L1 Pathway

Kazuhiro Taguchi, Takashi Onoe, Tomoaki Yoshida, Yoshinori Yamashita, Yuka Tanaka, and Hideki Ohdan

About the Cover

Benign prostatic hypertrophy (BPH) is a common condition in older men, which can progress to a malignant state over time as cells accumulate tumorigenic features. The cover image depicts immunofluorescence of a mouse prostate harboring telomere DNA damage (red) and smooth muscle hyperplasia (green). Telomere repeat factor 2 (TRF2) deficiency in prostate epithelial cells was found to induce a phenotype that closely resembles human BPH, and mice bearing this lesion eventually developed high-grade prostate tumors with metastatic potential. For more information, see the article on page 1326.