



Highlights of This Issue 673

PERSPECTIVE

- 675** Transforming Big Data into Cancer-Relevant Insight: An Initial, Multi-Tier Approach to Assess Reproducibility and Relevance
 The Cancer Target Discovery and Development Network

CELL CYCLE AND SENESCENCE

- 683** AMPK Causes Cell Cycle Arrest in LKB1-Deficient Cells via Activation of CAMKK2
 Sarah Fogarty, Fiona A. Ross, Diana Vara Ciruelos, Alexander Gray, Graeme J. Gowans, and D. Grahame Hardie

CELL DEATH AND SURVIVAL

- 696** Role for the Aryl Hydrocarbon Receptor and Diverse Ligands in Oral Squamous Cell Carcinoma Migration and Tumorigenesis
 Elizabeth A. Stanford, Alejandra Ramirez-Cardenas, Zhongyan Wang, Olga Novikov, Khalid Alamoud, Petros Koutrakis, Joseph P. Mizgerd, Caroline A. Genco, Maria Kukuruzinska, Stefano Monti, Manish V. Bais, and David H. Sherr

CHROMATIN, EPIGENETICS, AND RNA REGULATION

- 707** GR and ER Coactivation Alters the Expression of Differentiation Genes and Associates with Improved ER⁺ Breast Cancer Outcome
Diana C. West, Deng Pan, Eva Y. Tonsing-Carter, Kyle M. Hernandez, Charles F. Pierce, Sarah C. Styke, Kathleen R. Bowie, Tzintzuni I. Garcia, Masha Kocherginsky, and Suzanne D. Conzen

GENOMICS

- 720** An Integrative Approach Uncovers Biomarkers that Associate with Clinically Relevant Disease Outcomes in Vulvar Carcinoma
Andre M. Lavorato-Rocha, Erica M. Akagi, Beatriz de Melo Maia, Iara S. Rodrigues, Mayara Caroline Silva Botelho, Fabio A. Marchi, Gabriel Fernandes, Glauco Baiocchi, Fernando A. Soares, Silvia Regina Rogatto, Yukie Sato-Kuwabara, and Rafael M. Rocha

ONCOGENES AND TUMOR SUPPRESSORS

- 730** CITED2 Modulates Breast Cancer Metastatic Ability through Effects on IKK α
Swaathi Jayaraman, Michele Doucet, Wen Min Lau, and Scott L. Kominsky

- 740** A Novel EGFR Extracellular Domain Mutant, EGFR Δ 768, Possesses Distinct Biological and Biochemical Properties in Neuroblastoma
James Keller, Anjaruwee S. Nimnual, Mathew S. Varghese, Kristen A. VanHeyst, Michael J. Hayman, and Edward L. Chan

SIGNAL TRANSDUCTION

- 753** JNK1 Inhibition Attenuates Hypoxia-Induced Autophagy and Sensitizes to Chemotherapy
Irina A. Vasilevskaya, Muthu Selvakumaran, David Roberts, and Peter J. O'Dwyer

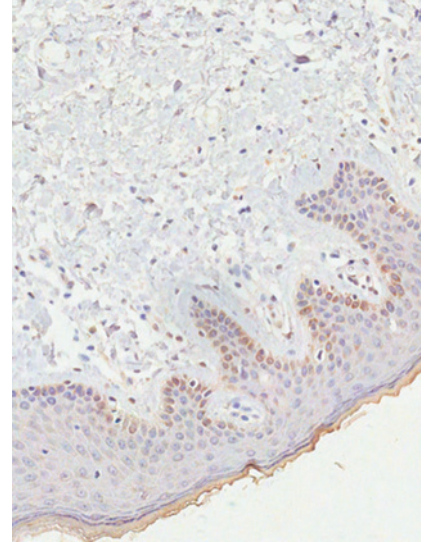
 AC icon indicates Author Choice

For more information please visit www.aacrjournals.org

Table of Contents

ABOUT THE COVER

The current study uses integrated genomics to reveal markers that may provide guidance for better treatment of vulvar cancer. One such marker, GNB3 (G Protein Subunit Beta 3), appears in vulvar carcinoma as a new and potential prognostic factor since its up-regulation in tumors is associated mainly with higher disease-free survival. The cover image shows GNB3 immunohistochemistry (IHC) staining in adjacent normal tissue showing predominantly low staining in basal layers of the epithelium. For more information, see the article by Lavorato-Rocha and colleagues beginning on page 720.



Molecular Cancer Research

14 (8)

Mol Cancer Res 2016;14:673-763.

Updated version Access the most recent version of this article at:
<http://mcr.aacrjournals.org/content/14/8>

E-mail alerts [Sign up to receive free email-alerts](#) related to this article or journal.

Reprints and Subscriptions To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

Permissions To request permission to re-use all or part of this article, use this link <http://mcr.aacrjournals.org/content/14/8>. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.