PERSONALIZED MEDICINE AND IMAGING

1853 HER3-Mediated Resistance to Hsp90 Inhibition Detected in Breast Cancer Xenografts by Affibody-Based PET Imaging
Carlos D. Martins, Chiara Da Pieve, Thomas A. Burley, Rhodri Smith, Daniela M. Ciobota, Louis Allott, Kevin J. Harrington, Wim J.G. Oyen, Graham Smith, and Gabriela Kramer-Marek

1866 Further Investigation of the Role of ACYP2 and WFS1 Pharmacogenomic Variants in the Development of Cisplatin-Induced Ototoxicity in Testicular Cancer Patients

1872 Early Assessment of Lung Cancer Immunotherapy Response via Circulating Tumor DNA

1881 Hybrid Capture-Based Genomic Profiling of Circulating Tumor DNA from Patients with Advanced Cancers of the Gastrointestinal Tract or Anus
Alexa B. Schrock, Dean Pavlick, Samuel J. Klempner, Roy H. Decker, Jimmitti Teysir, Nicholas J. Carvill, Andy J. Kole, Cory H. Hsu, Daniel Zelterman, Roy S. Herbst, and Abhijit A. Patel

CANCER THERAPY: PRECLINICAL

1891 Nitric Oxide Production by Myeloid-Derived Suppressor Cells Plays a Role in Impairing Fc Receptor–Mediated Natural Killer Cell Function

1905 A Combination of SAHA and Quinacrine Is Effective in Inducing Cancer Cell Death in Upper Gastrointestinal Cancers
Shoumin Zhu, Zheng Chen, Lihong Wang, Dunfa Peng, Abbes Belkhir, A. Craig Lockhart, and Wael El-Rifai

1917 STAT5A/B Blockade Sensitizes Prostate Cancer to Radiation through Inhibition of RAD51 and DNA Repair

1932 Ponatinib Shows Potent Antitumor Activity in Small Cell Carcinoma of the Ovary Hypercalcemic Type (SCCOHT) through Multikinase Inhibition

1944 Overcoming Resistance to DNA-Targeted Agents by Epigenetic Activation of Schlafen 11 (SLFN11) Expression with Class I Histone Deacetylase Inhibitors
Sai-Wen Tang, Anish Thomas, Junko Muray, Jane B. Trepel, Susan E. Bates, Vinodh N. Rajapakse, and Yves Pommier

BIOLOGY OF HUMAN TUMORS

1954 Wide Expression and Significance of Alternative Immune Checkpoint Molecules, B7x and HHLA2, in PD-L1–Negative Human Lung Cancers
Haiying Cheng, Alain Borczuk, Murat Janakiram, Xiaoxin Ren, Juan Lin, Amer Assal, Balazs Halmos, Roman Perez-Soler, and Xingxing Zang

1965 Small-Cell Carcinomas of the Bladder and Lung Are Characterized by a Convergent but Distinct Pathogenesis
See related commentary, p. 1775
1974  PBX3 Is Part of an EMT Regulatory Network and Indicates Poor Outcome in Colorectal Cancer  
Sebastian Lamprecht, Markus Kaller, Eva Marina Schmidt, Cristina Blaj, Tobias S. Schiergens, Jutta Engel, 
Andreas Jung, Heiko Hermeking, Thomas G.P. Grünewald, Thomas Kirchner, and David Horst

1987  Reactivation of cAMP Pathway by PDE4D Inhibition Represents a Novel Druggable Axis for Overcoming Tamoxifen Resistance in ER-positive Breast Cancer  

2002  Long Noncoding RNA LINC01234 Functions as a Competing Endogenous RNA to Regulate CBFB Expression by Sponging miR-204-5p in Gastric Cancer  
Xin Chen, Zhenyao Chen, Shanxun Yu, Fengqi Nie, Shuai Yan, Pei Ma, Qinnan Chen, Chenchen Wei, Hangjiang Fu, Tianwei Xu, Shengnan Ren, Ming Sun, and Zhaoxia Wang

2015  REGγ Controls Hippo Signaling and Reciprocal NF-κB–YAP Regulation to Promote Colon Cancer  
Qingwei Wang, Xiao Gao, Tong Yu, Lei Yuan, Jie Dai, Weicang Wang, Geng Chen, Chan Jiao, Wang Zhou, Quan Huang, Long Cui, Pei Zhang, Robb E. Moses, Jianhua Yang, Fengyuan Chen, Junjiang Fu, Jianru Xiao, Lei Li, Yongyan Dang, and Xiaotao Li

ABOUT THE COVER

The cover shows a mixed urothelial and small cell carcinoma from a single patient. Deep sequencing of macrodissected urothelial and small-cell components revealed truncal mutations clonal in both components, indicating a common ancestral origin. Other driver mutations were clonal exclusively in one component. For details, see the article by Chang and colleagues on page 1965 of this issue.
Clinical Cancer Research

24 (8)


<table>
<thead>
<tr>
<th>Updated version</th>
<th>Access the most recent version of this article at: <a href="http://clincancerres.aacrjournals.org/content/24/8">http://clincancerres.aacrjournals.org/content/24/8</a></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>E-mail alerts</th>
<th>Sign up to receive free email-alerts related to this article or journal.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reprints and Subscriptions</td>
<td>To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at <a href="mailto:pubs@aacr.org">pubs@aacr.org</a>.</td>
</tr>
<tr>
<td>Permissions</td>
<td>To request permission to re-use all or part of this article, use this link <a href="http://clincancerres.aacrjournals.org/content/24/8">http://clincancerres.aacrjournals.org/content/24/8</a>. Click on &quot;Request Permissions&quot; which will take you to the Copyright Clearance Center's (CCC) Rightslink site.</td>
</tr>
</tbody>
</table>