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1827 **Association of Interleukin-28B Genotype and Hepatocellular Carcinoma Recurrence in Patients with Chronic Hepatitis C**  
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1852 **First-in-Human Phase 0 Trial of Oral 5-Iodo-2-Pyrimidinone-2'-Deoxyribose in Patients with Advanced Malignancies**

Shivaani Kummar, Larry Anderson, Kimberly Hill, Eva Majerova, Deborah Allen, Yvonne Horneffer, S. Percy Ivy, Larry Rubinstein, Pamela Harris, James H. Doroshow, and Jerry M. Collins

1858 **Cetuximab-Activated Natural Killer and Dendritic Cells Collaborate to Trigger Tumor Antigen-Specific T-cell Immunity in Head and Neck Cancer Patients**

Raghvendra M. Srivastava, Steve C. Lee, Pedro A. Andrade Filho, Christopher A. Lord, Hyun-Bae Jie, H. Carter Davidson, Andrés López-Albaitero, Sandra P. Gibson, William E. Gooding, Soldano Ferrone, and Robert L. Ferris

1873 **A Phase I Trial of Vorinostat and Alvocidib in Patients with Relapsed, Refractory, or Poor Prognosis Acute Leukemia, or Refractory Anemia with Excess Blasts-2**

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1884 **Dasatinib plus Capecitabine for Advanced Breast Cancer: Safety and Efficacy in Phase I Study CA180004**

George Somlo, Francesco Atzori, Lewis C. Strauss, William J. Geese, Jennifer M. Specht, William J. Gradishar, Alissa Rybicki, Oumar Sy, Linda T. Vahdat, and Javier Cortes

## PREDICTIVE BIOMARKERS AND PERSONALIZED MEDICINE

1894 **DNA-Mutation Inventory to Refine and Enhance Cancer Treatment (DIRECT): A Catalog of Clinically Relevant Cancer Mutations to Enable Genome-Directed Anticancer Therapy**

Paul Yeh, Heidi Chen, Jenny Andrews, Riyadh Naser, William Pao, and Leora Horn  
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1902 **Massively Parallel Tumor Multigene Sequencing to Evaluate Response to Panitumumab in a Randomized Phase III Study of Metastatic Colorectal Cancer**

Marc Peeters, Kelly S. Oliner, Alex Parker, Salvatore Siena, Eric Van Cutsem, Jing Huang, Yves Humblet, Jean-Luc Van Laethem, Thierry André, Jeffrey Wizezorek, David Reese, and Scott D. Patterson

## CORRECTIONS

1913 **Correction: Agonist Antibodies to TNFR Molecules That Costimulate T and NK Cells**

1914 **Correction: Phase I and Clinical Pharmacology Study of Bevacizumab, Sorafenib, and Low-Dose Cyclophosphamide in Children and Young Adults with Refractory/Recurrent Solid Tumors**

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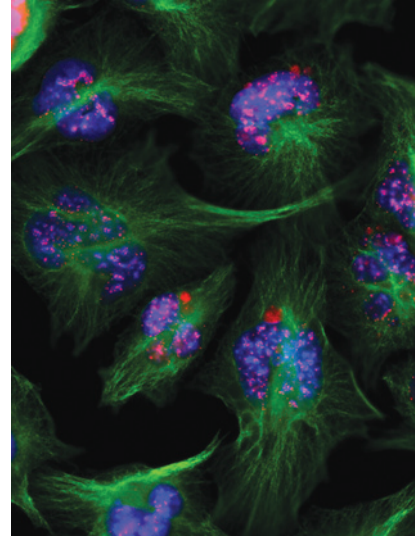
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## ABOUT THE COVER

Aurora kinase A plays a key role in regulation of the mitotic spindle checkpoint, and Aurora kinase A inhibitors are currently under development as targeted anticancer agents. In this figure, human bladder carcinoma-derived T24 cells were treated with the Aurora kinase A inhibitor MLN8237 (Millennium Pharmaceuticals), and immunofluorescently stained for tubulin (green), CENPA (red), and DAPI (blue). These treated cells show marked aneuploidy as a result of mitotic failure. For details, see the article by Zhou and colleagues on page 1717 of this issue.



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