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### Predictive Biomarkers and Personalized Medicine

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#### Biomarker Analysis of Neoadjuvant Doxorubicin/Cyclophosphamide Followed by Irinotecan or Paclitaxel in Early-Stage Breast Cancer

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#### CHFR Protein Expression Predicts Outcomes to Taxane-Based First Line Therapy in Metastatic NSCLC

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#### A Single Nucleotide Polymorphism in Inflammatory Gene RNASEL Predicts Outcome after Radiation Therapy for Localized Prostate Cancer


#### Clinical Significance of CD33 Nonsynonymous Single-Nucleotide Polymorphisms in Pediatric Patients with Acute Myeloid Leukemia Treated with Gemtuzumab-Ozogamicin–Containing Chemotherapy

ABOUT THE COVER

The microphotograph shows the induction of apoptosis after combined treatment with bortezomib and the histone deacetylase inhibitor valproic acid in a xenograft mouse model of acute lymphoblastic leukemia (ALL). Human B-cell precursor ALL cells were injected subcutaneously into nonobese diabetic/severe combined immunodeficient mice. Tumor sections after treatments were stained with mAbs against human CD10 (red) indicating leukemia cells, cleaved caspase-3 (green) indicating apoptotic cells, and 4',6-diamidino-2-phenylindole (nuclei, blue). For details, please see the article by Bastian and colleagues on page 1445 of this issue.