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### IMAGING, DIAGNOSIS, PROGNOSIS

**Measurement of Tumor VEGF-A Levels with 89Zr-Bevacizumab PET as an Early Biomarker for the Antiangiogenic Effect of Everolimus Treatment in an Ovarian Cancer Xenograft Model**


**Scatter Spectroscopic Imaging Distinguishes between Breast Pathologies in Tissues Relevant to Surgical Margin Assessment**

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**Impact of the Integrin Signaling Adaptor Protein NEDD9 on Prognosis and Metastatic Behavior of Human Lung Cancer**

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### CANCER THERAPY: CLINICAL

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**Using Pharmacokinetic and Pharmacodynamic Data in Early Decision Making Regarding Drug Development: A Phase I Clinical Trial Evaluating Tyrosine Kinase Inhibitor, AEE788**

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### PREDICTIVE BIOMARKERS AND PERSONALIZED MEDICINE

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**Association between VEGF Splice Isoforms and Progression-Free Survival in Metastatic Colorectal Cancer Patients Treated with Bevacizumab**

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**Serum Lactate Dehydrogenase Is Prognostic for Survival in Patients with Bone Metastases from Breast Cancer: A Retrospective Analysis in Bisphosphonate-Treated Patients**

Janet E. Brown, Richard J. Cook, Allan Lipton, and Robert E. Coleman
ABOUT THE COVER

Replication-incompetent Sendai virus particles were injected into orthotopic prostate cancers in NOD-SCID mice on day 29 after the inoculation of human prostate cancer PC3 cells. The dual 4',6-diamidino-2-phenylindole (blue) and terminal deoxynucleotidyl transferase–mediated dUTP nick-end labeling (DAPI; green) staining showed that the TUNEL-positive apoptotic cells were dramatically increased in tumor regions. For details, see the article by Matsushima-Miyagi and colleagues on page 6271 of this issue.