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PREDICTIVE BIOMARKERS AND PERSONALIZED MEDICINE

Specific Lymphocyte Subsets Predict Response to Adoptive Cell Therapy Using Expanded Autologous Tumor-Infiltrating Lymphocytes in Metastatic Melanoma Patients

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Clinicopathologic Features of V600E and V600K Melanoma—Letter
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Clinicopathologic Features of V600E and V600K Melanoma—Response
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Phosphoinositide 3-Kinase (PI3K) Pathway Alterations Are Associated with Histologic Subtypes and Are Predictive of Sensitivity to PI3K Inhibitors in Lung Cancer Preclinical Models
Jill M. Spoerke, Carol O'Brien, Ling Hwu, Hartmut Koeppen, Jane Fridlyand, Rainer K. Brachmann, Peter M. Haverty, Ayay Pandita, Sankar Mohan, Deepak Sampath, Lori S. Friedman, Leanne Ross, Garret M. Hampton, Lukas C. Amler, David S. Shames, and Mark R. Lackner

ABOUT THE COVER

The photomicrograph is of a metastatic, trastuzumab-refractory, HER2-amplified breast cancer with loss of PTEN expression by immunohistochemistry. The normal stromal cells interspersed in the tumor display strong PTEN staining (brown), whereas the cancer cells show complete absence of stain. The primary tumor (pretrastuzumab treatment) from this patient showed equivalent PTEN staining in the stromal cells and cancer cells. For details, see the article by Chandarlapaty and colleagues on page 6784 of this issue.