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### IMAGING, DIAGNOSIS, PROGNOSIS

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The First-in-Human Study of the Hydrogen Sulfate (Hyd-Sulfate) Capsule of the MEK1/2 Inhibitor AZD6244 (ARRY-142886): A Phase I Open-Label Multicenter Trial in Patients with Advanced Cancer


Estrogen Receptor-α Phosphorylation at Serine 305, Nuclear p21-Activated Kinase 1 Expression, and Response to Tamoxifen in Postmenopausal Breast Cancer

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A Phase II Clinical Trial of Ixabepilone (Ixempra; BMS-247550; NSC 710428), an Epothilone B Analog, in Patients with Metastatic Renal Cell Carcinoma

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Diverse Patterns of T-Cell Response against Multiple Newly Identified Human Y Chromosome–Encoded Minor Histocompatibility Epitopes

Yishai Ofran, Haesook T. Kim, Vladimir Brusic, Loren Blake, Michael Mandrell, Catherine J. Wu, Stefanie Sarantopoulos, Roberto Bellucci, Derin B. Keskin, Robert J. Soiffer, Joseph H. Antin, and Jerome Ritz
The featured image is a lung adenocarcinoma stained with a novel, highly sensitive and specific antibody recognizing the ALK oncoprotein (brown staining) and counterstained with hematoxylin (blue staining). The tumor was shown to harbor a rearrangement of the ALK locus by genetic analysis. This assay will facilitate the routine identification of ALK-rearranged lung adenocarcinomas in clinical practice and detect lung cancers that may be responsive to ALK inhibitors. For details, see the article by Mino-Kenudson and colleagues on page 1561 of this issue.