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Activation of AR Sensitizes Breast Carcinomas to NVP-BEZ235’s Therapeutic Effect Mediated by PTEN and KLLN Upregulation
Yu Wang, Qi Yu, Xin He, Todd Romigh, Jessica Altemus, and Charis Eng

Plastin Polymorphisms Predict Gender- and Stage-Specific Colon Cancer Recurrence after Adjuvant Chemotherapy
Yan Ning, Armin Gerger, Wu Zhang, Diana L. Hanna, Dongyun Yang, Thomas Winder, Takeru Wakisaku, Melissa J. Labonte, Sebastian Stintzing, Nico Volz, Yu Sunakawa, Stefan Stremlitzer, Rita El-Khouri, and Heinz-Josef Lenz

COMPANION DIAGNOSTICS AND CANCER BIOMARKERS

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540  Nonclinical Evaluation of the Serum Pharmacodynamic Biomarkers HGF and Shed MET following Dosing with the Anti-MET Monovalent Monoclonal Antibody Onartuzumab
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553  Correction: Aerosol Delivery of Urocanic Acid–Modified Chitosan/Programmed Cell Death 4 Complex Regulated Apoptosis, Cell Cycle, and Angiogenesis in Lungs of K-ras Null Mice

ABOUT THE COVER
The ALK/MET inhibitor crizotinib has already shown efficacy in ALK-driven non-small cell lung cancer patients, but the treatment is not curative with rapid acquisition of resistance, which is partly attributable to the gatekeeper-residue mutation L1196M of ALK. Computational modeling suggested that ASP3026, a novel small molecule ALK inhibitor, is well docked with both wild-type and L1196M ALK, and fits more deeply within the ATP-binding pocket of the L1196M form, with the larger side-chain of methionine compared to leucine, than crizotinib. This might explain why ASP3026 showed more potent efficacy against the L1196M mutant within the therapeutic margin compared with crizotinib. For details, see article by Mori and colleagues, on page 329.