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2170  Translational Exposure–Efficacy Modeling to Optimize the Dose and Schedule of Taxanes Combined with the Investigational Aurora A Kinase Inhibitor MLN8237 (Alisertib)

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LARGE MOLECULE THERAPEUTICS

2194  EpCAM-Selective Elimination of Carcinoma Cells by a Novel MAP-Based Cytolytic Fusion Protein
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2215  Activation of Nrf2 Pathways Correlates with Resistance of NSCLC Cell Lines to CBP501 In Vitro
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2226  Pharmacogenetic Predictors of Outcome in Patients with Stage II and III Colon Cancer Treated with Oxaliplatin and Fluoropyrimidine-Based Adjuvant Chemotherapy
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2238  Epidermal Growth Factor–like Domain 7 Predicts Response to First-Line Chemotherapy and Bevacizumab in Patients with Metastatic Colorectal Cancer
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CORRECTIONS

2246  Correction: Birinapant (TL32711), a Bivalent SMAC Mimetic, Targets TRAF2-Associated cIAPs, Abrogates TNF-Induced NF-κB Activation, and Is Active in Patient-Derived Xenograft Models

2248  Correction: Driven to Death: Inhibition of Farnesylation Increases Ras Activity in Osteosarcoma and Promotes Growth Arrest and Cell Death

ABOUT THE COVER

To elucidate the potential mode of action of MAP-based cytolytic fusion proteins in living cells, colocalization assays were performed using EGFR⁺ A549 cells transfected with a SNAP-tagged tubulin DNA construct. Expressed SNAP-tagged tubulin molecules were labeled with SNAP-Cell TMR-Star (green). EGF-MAPf151 was used as a representative for MAP-based CFPs. MAPf151 was detected using mouse–anti-human Tau and goat–anti-mouse Alexa Fluor 647 antibodies (red). DAPI was used to counterstain the nucleus (blue). Using confocal fluorescence microscopy and a tubulin polymerization assay, it could be shown that MAP colocalized with and stabilized microtubules. For more details, see article by Hristodorov and colleagues on page 2194.