Spotlight on Clinical Response

Activate and resist: L576P-KIT in GIST
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The role of vascular endothelial growth factor SNPs as predictive and prognostic markers for major solid tumors
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Triptolide induces cell death independent of cellular responses to imatinib in blast crisis chronic myelogenous leukemia cells including quiescent CD34+ primitive progenitor cells
Duncan H. Mak, Wendy D. Schober, Wenjing Chen, Marina Konopleva, Jorge Cortes, Hagop M. Kantarjian, Michael Andreeff, and Bing Z. Carter

Preclinical biomarkers for a cyclin-dependent kinase inhibitor translate to candidate pharmacodynamic biomarkers in phase I patients
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AZD6244 (ARRY-142886) enhances the therapeutic efficacy of sorafenib in mouse models of gastric cancer
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High antitumor activity of RLI, an interleukin-15 (IL-15)–IL-15 receptor α fusion protein, in metastatic melanoma and colorectal cancer
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Chemokine CXC receptor 4–mediated glioma tumor tracking by bone marrow–derived neural progenitor/stem cells
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On the Cover

Bone marrow-derived neural progenitor/stem cells form neurospheres and express typical neural stem cell marker nestin. Immunofluorescence staining of the neurospheres reveals expression of nestin protein (green). Counterstaining of the nuclei with DAPI is depicted (blue). These adult neural stem cells manifest glioma tracking property mediated through chemokine CXC receptor 4 signaling. For details, see the article by Xu and colleagues on page 2746.
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