Molecular Cancer Therapeutics

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CANCER BIOLOGY AND SIGNAL TRANSDUCTION

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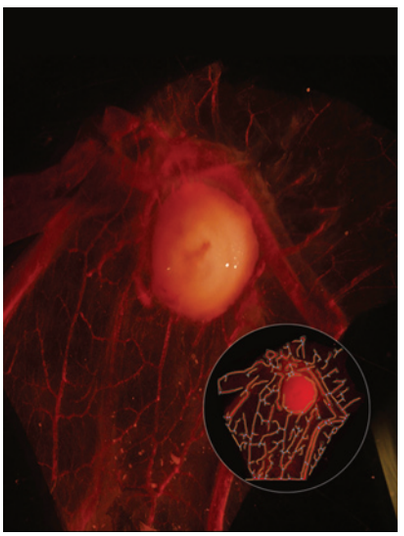
ABOUT THE COVER

Angiogenesis is important for tumor progression. In squamous cell carcinoma of the head and neck (SCCHN), angiogenesis is activated by cytokines including IL-6 and VEGF. Galanin receptor 2 (GALR2) is a G protein–coupled receptor that induces aggressive growth in SCCHN. GALR2 stimulates tumor angiogenesis in SCCHN via p38-mediated inhibition of tristetraprolin (TTP) with resultant enhanced cytokine secretion. Given that p38 inhibitors are in clinical use for inflammatory disorders, GALR2/p38-mediated cytokine secretion may be an excellent target for new adjuvant therapy in SCCHN. For details, see article by Banerjee, Van Tubergen, and colleagues on page 1323.



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