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COMPANION DIAGNOSTICS AND CANCER BIOMARKERS

Concordance of Genomic Alterations between Primary and Recurrent Breast Cancer
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.