

MOLECULAR CANCER THERAPEUTICS

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Proposed mechanism of action of the MDA-9/Syntenin-1/SDCBP pharmacological inhibitor IVMT-Rx-3. Through the disruption of the interactions between MDA-9/Syntenin and cSrc, IVMT-Rx-3 deactivates NF- κ B suppressing invasion and angiogenesis associated genes and blocking tumor cell migration. Additionally, IVMT-Rx-3 inhibits the expression of NF- κ B dependent inflammatory cytokine expression, boosting anti-tumor immunity and blocking the proliferation of melanoma cells in the metastatic niche. Read the full article on page 1115.

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