Molecular Cancer Therapeutics

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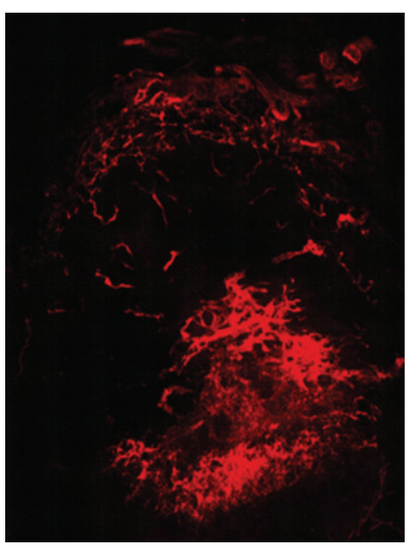
ABOUT THE COVER

Intracellular copper transport is a potential target for breast cancer therapy. Karginova and colleagues demonstrate that inhibition of intracellular copper transport with the small molecule DCAC50 triggers apoptosis in breast cancer cells and suppresses angiogenesis. To visualize the anti-angiogenic effect of DCAC50, transparent tissue tomography was applied. The cover illustrates CD31+ blood vessels in a tumor macrosection obtained from a mouse after treatment with DCAC50 and reveals significantly reduced angiogenesis compared to vehicle control. For more information, please see the full article beginning on page 873.



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