

Highlights of This Issue 871

SMALL MOLECULE THERAPEUTICS

873 Inhibition of Copper Transport Induces Apoptosis in Triple-Negative Breast Cancer Cells and Suppresses Tumor Angiogenesis

Olga Karginova, Claire M. Weekley, Akila Raoul, Alhareth Alsayed, Tong Wu, Steve Seung-Young Lee, Chuan He, and Olufunmilayo I. Olopade

886 BI1071, a Novel Nur77 Modulator, Induces Apoptosis of Cancer Cells by Activating the Nur77-Bcl-2 Apoptotic Pathway

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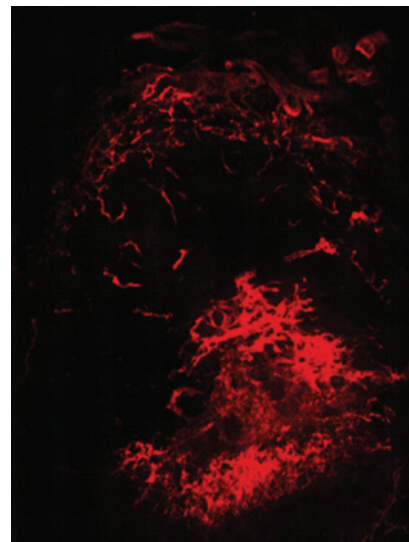
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- 1012** Preclinical Investigation of ^{212}Pb -DOTAMTATE for Peptide Receptor Radionuclide Therapy in a Neuroendocrine Tumor Model

Tania A. Rozgaja Stallons, Amal Saidi, Izabela Tworowska, Ebrahim S. Delpassand, and Julien J. Torgue

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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