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CORRECTION

1803 Correction: A Transcriptional Program for Detecting TGF β -Induced EMT in Cancer

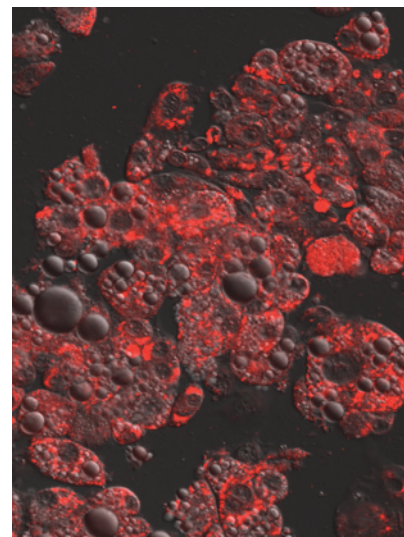
1804 Acknowledgment to Reviewers

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ABOUT THE COVER

In this issue, Sheng and colleagues (beginning on page 1704) demonstrate that adipocytes rapidly absorb daunorubicin and other anthracyclines. Daunorubicin, which is naturally fluorescent, as shown in the cover image, accumulates in 3T3-L1 adipocytes after 4 hours in culture at 60 nM initial concentration (image obtained by G.E. Fernandez in the CHLA Cellular Imaging Core). In addition, adipocytes express high levels of aldo-keto reductase and carbonyl reductase enzymes, which metabolize daunorubicin to the largely inactive form, daunorubicinol. Together, this sequestration and inactivation reduces active anthracycline concentrations in the microenvironment and may impair treatment outcome of childhood leukemia and other cancers that reside near adipocytes. These findings may help explain why obese patients with certain cancers have a poorer treatment outcome.



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