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HUMAN CANCER BIOLOGY

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High Impact of Oatp1a/1b Transporters on In Vivo Disposition of the Hydrophobic Anticancer Drug Paclitaxel
Evita van de Steeg, Anita van Esch, Els Wagenaar, Cornelia M.M. van der Kruisssen, Olaf van Tellingen, Kathryn E. Kenworthy, and Alfred H. Schinkel
ABOUT THE COVER

Immunofluorescence analysis demonstrating the cytoplasmic localization of galectin-3 in CD18/HPAF pancreatic cancer cells transfected with scramble control vector. The cells were grown at low density on sterile cover slips for 20 hours. After washing with 0.1 M HEPES-containing Hanks buffer, the cells were fixed in ice-cold methanol at -20°C for 2 minutes. After nonspecific blocking with 10% goat serum, cells were incubated with anti-galectin-3 antibody in PBS for 90 minutes at room temperature. Cells were washed 3 to 4 times with PBS containing 0.05% Tween-20 (PBS-T) and then incubated with FITC-conjugated anti-rat secondary antibodies for 60 minutes. The cells were counterstained with propidium iodide. Finally, slides were washed, mounted, and observed under a ZEISS confocal laser-scanning microscope. Photographs were digitally captured by using 510-software. For further details, please see Senapati and coworkers on page 267 in this issue.