# Molecular Cancer Research

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Differential Expression of OATP1B3 Mediates Unconjugated Testosterone Influx

Role of Rac1 Pathway in Epithelial-to-Mesenchymal Transition and Cancer Stem-like Cell Phenotypes in Gastric Adenocarcinoma
Changhwan Yoon, Soo-Jeong Cho, Kevin K. Chang, Do Joong Park, Sandra W. Ryeom, and Sam S. Yoon

eIF2α Phosphorylation Mediates IL24-Induced Apoptosis through Inhibition of Translation
Leah Persaud, Xuelin Zhong, Giselle Alvarado, Winchie Do, Jordan Dejoie, Anna Zybtseva, Bertal Huseyin Aktas, and Moira Sauane

ABOUT THE COVER
This study, by Pappas and colleagues (beginning on page 1051), demonstrates that the p53 tumor suppressor maintains baseline expression of numerous other well-validated tumor suppressor genes. Mammary epithelial cells grown in 3D culture form acinar structures that are suitable model systems to study signaling and growth properties. We used CRISPR/Cas9-mediated genetic modifications in the nontumorigenic mammary epithelial cell line MCF10A and found that interruption of the baseline activation of PTEN by p53 increases tumorigenic properties by influencing the size of the acini, proliferation, and signaling in 3D culture. Photographs shown are created by immunofluorescence of the acini structures for various signaling proteins.
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