

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer	Estrogen-related receptor- α (ERR α ; ESRR α ; NR3B1)	<p>Studies in patient samples and in cell culture suggest inhibiting ERRα could help treat breast cancer. A genomic analysis of samples from breast cancer patients identified an ERRα-dependent gene expression signature that correlated with decreased rates of relapse-free survival. In cultured breast cancer cells, the signature correlated with sensitivity to a small molecule ERRα antagonist. Next steps include conducting medicinal chemistry studies of small molecule ERRα antagonists and testing them in additional cancer models.</p> <p>SciBX 4(43); doi:10.1038/scibx.2011.1201 Published online Nov. 3, 2011</p>	Unpatented; licensing status undisclosed	<p>Chang, C.-Y. <i>et al. Cancer Cell</i>; published online Oct. 18, 2011; doi:10.1016/j.ccr.2011.08.023</p> <p>Contact: Donald P. McDonnell, Duke University School of Medicine, Durham, N.C. e-mail: donald.mcdonnell@duke.edu</p>