

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Cancer</b>				
Non-small cell lung cancer (NSCLC)	Guanine nucleotide binding protein $\beta$ -polypeptide 2-like 1 (GNB2L1; RACK1)	Patient sample and mouse studies suggest inhibiting RACK1 could help treat NSCLC. RACK1 levels were higher in 48 of 63 samples from patients with NSCLC than in samples from matched normal tissue. In a mouse xenograft model of NSCLC, small interfering RNA against RACK1 lowered tumor growth and metastasis compared with control siRNA. Next steps could include screening for small molecule RACK1 inhibitors.	Patent and licensing status unavailable	Shi, S. <i>et al. J. Biol. Chem.</i> ; published online Jan. 19, 2012; doi:10.1074/jbc.M111.315416 <b>Contact:</b> Dong Xie, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences and Graduate University of the Chinese Academy of Sciences, Shanghai, China e-mail: <a href="mailto:dxie@sibs.ac.cn">dxie@sibs.ac.cn</a>
<p><i>SciBX</i> 5(6); doi:10.1038/scibx.2012.151 Published online Feb. 9, 2012</p>				