

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Colon cancer	Chitinase 3-like 1 cartilage glycoprotein-39 (CHI3L1; YKL40)	<p>Cell culture and mouse studies suggest inhibiting CHI3L1 could help treat colorectal cancer. In xenograft mice, colon cancer cells overexpressing CHI3L1 had greater tumor growth than colon cancer cells with normal CHI3L1 expression. In human colorectal cancer cells, CHI3L1-specific microRNA suppressed cell proliferation compared with scrambled miRNA control. Next steps could include identifying an inhibitor of CHI3L1.</p> <p><i>SciBX</i> 4(46); doi:10.1038/scibx.2011.1291 Published online Dec. 1, 2011</p>	Patent and licensing status unavailable	<p>Kawada, M. <i>et al. Oncogene</i>; published online Nov. 7, 2011; doi:10.1038/onc.2011.498 Contact: H. Seno, Kyoto University, Kyoto, Japan e-mail: seno@kuhp.kyoto-u.ac.jp Contact: M. Kawada, same affiliation as above e-mail: kawadam@kuhp.kyoto-u.ac.jp</p>