This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Colorectal cancer	Wingless-type MMTV integration site (WNT)	<p>Studies <i>in vitro</i> and <i>in vivo</i> suggest niclosamide could help treat colorectal cancer. In colorectal cancer cell lines and explants, niclosamide inhibited proliferation and decreased WNT pathway signaling compared with no treatment. In mice with human colorectal cancer cells, niclosamide was safe and lowered WNT pathway signaling and tumor growth compared with no treatment. Ongoing work includes discussions with FDA about starting clinical studies.</p> <p>The generic niclosamide is approved to treat parasitic worm infections.</p> <p>SciBX 4(20); doi:10.1038/scibx.2011.569 Published online May 19, 2011</p>	Patent pending; available for licensing	<p>Osada, T. <i>et al. Cancer Res.</i>; published online April 29, 2011; doi:10.1158/0008-5472.CAN-10-3978 Contact: Herbert Kim Lyerly, Duke University School of Medicine, Durham, N.C. e-mail: lyerl001@mc.duke.edu</p>