

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Cancer</b>				
Cancer	Sirtuin 6 (SIRT6)	<p>Patient tissue and mouse studies suggest activating SIRT6 could help modulate tumor metabolism to treat cancer. In cancer patient data from The Cancer Genome Atlas, <i>SIRT6</i> was deleted in 20% of all cancers. In a genetic mouse model of colorectal adenomatosis, <i>Sirt6</i> deletion in the intestines increased the frequency, size and invasiveness of adenomas compared with no deletion. In that model, the <i>Sirt6</i> deletion also increased glucose uptake and glycolytic gene expression in tumors. Next steps include screening studies to identify molecules that activate SIRT6.</p> <p><b>SciBX 6(1); doi:10.1038/scibx.2013.5</b>  <b>Published online Jan. 10, 2013</b></p>	Unpatented; licensing status not applicable	<p>Sebastián, C. <i>et al. Cell</i>; published online Dec. 7, 2012;            doi:10.1016/j.cell.2012.10.047  <b>Contact:</b> Raul Mostoslavsky, Massachusetts General Hospital and Harvard Medical School, Boston, Mass.            e-mail:  <a href="mailto:rmostoslavsky@mgh.harvard.edu">rmostoslavsky@mgh.harvard.edu</a>  <b>Contact:</b> David B. Lombard, University of Michigan, Ann Arbor, Mich.            e-mail:  <a href="mailto:davidlom@umich.edu">davidlom@umich.edu</a></p>