

### This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
<b>Cardiovascular disease</b>				
Ischemia/ reperfusion injury	R-Spondin 3 (RSPO3)	<p>Mouse studies suggest RSPO3 could help treat ischemia/reperfusion injury. Ischemia/reperfusion injury causes vascular leakage that leads to tissue damage and inflammation. In a mouse model of intestinal ischemia/reperfusion injury, recombinant mouse Rspo3 decreased vascular leakage, inflammation and damage in intestinal tissue compared with no Rspo3. Next steps could include developing and testing RSPO3 mimics.</p> <p><b>SciBX 6(36); doi:10.1038/scibx.2013.994</b> Published online Sept. 19, 2013</p>	Patent and licensing status unavailable	<p>Kannan, L. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Aug. 13, 2013; doi:10.1073/pnas.1309393110</p> <p><b>Contact:</b> George C. Tsokos, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, Mass. e-mail: <a href="mailto:gsokos@bidmc.harvard.edu">gsokos@bidmc.harvard.edu</a></p> <p><b>Contact:</b> Lakshmi Kannan, same affiliation as above e-mail: <a href="mailto:lkannan@bidmc.harvard.edu">lkannan@bidmc.harvard.edu</a></p>