This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Inflammation	MicroRNA-181b (miR-181b)	<p>Patient sample and mouse studies suggest agonizing miR-181b could help treat inflammation. In a mouse model of endotoxic shock, miR-181b mimics decreased NF-κB-mediated vascular inflammation and lung injury and increased survival compared with control miRNA. In plasma samples from patients with sepsis, miR-181b levels were lower than those in samples from patients without sepsis. Next steps include testing miR-181b mimics in mouse models of chronic inflammation.</p> <p>SciBX 5(23); doi:10.1038/scibx.2012.606 Published online June 7, 2012</p>	U.S. and international patent applications pending covering use of miR-181b mimics in acute and chronic inflammation; available for licensing	<p>Sun, X. <i>et al. J. Clin. Invest.</i>; published online May 24, 2012; doi:10.1172/JCI61495</p> <p>Contact: Mark W. Feinberg, Brigham and Women's Hospital and Harvard Medical School, Boston, Mass. e-mail: mfeinberg@rics.bwh.harvard.edu</p>