This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Shock	MAP kinase phosphatase 5 (MKP5)	<i>In vitro</i> and mouse studies suggest that upregulating MKP5 could help decrease the general inflammatory response and prevent shock following infection. In mice given a single dose of proinflammatory lipopolysaccharide (LPS), <i>Mkp5</i> knockout led to greater vascular inflammatory responses than occurred in littermates expressing wild-type <i>Mkp5</i> . Next steps could include testing the effects of MKP5 upregulation in an animal model of septic shock.	Patent and licensing status unavailable	Qian, F. <i>et al. EMBO J.</i> ; published online Aug. 20, 2009; doi:10.1038/emboj.2009.234 Contact: Richard D. Ye, University of Illinois at Chicago, Chicago, Ill. e-mail: yer@uic.edu
<i>SciBX</i> 2(34); doi:10.1038/scibx.2009.1315 Published online Sept. 3, 2009				