This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Staphylococcus	Panton-Valentine leukocidin (LukS-PV; pv); Panton-Valentine leukocidin chain F precursor (LukF-PV)	Mouse and rabbit studies identified antibodies to leukocidin that could help treat <i>Staphylococcus aureus</i> infection. In a rabbit model of eye inflammation induced by the <i>S. aureus</i> toxin leukocidin, heavy chain-only antibodies targeting LukS-PV and/or LukF-PV reduced inflammation and vascular congestion compared with vehicle control. Next steps include developing more antibodies and testing them in models of <i>S. aureus</i> infection.	Patented; available for licensing from Harbour Antibodies B.V., an Erasmus Medical Center spinoff company	Laventie, B.J. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Sept. 19, 2011; doi:10.1073/pnas.1102265108 Contact: Dubravka Drabek, Department of Cell Biology, Erasmus Medical Center, Rotterdam, the Netherlands e-mail: d.drabek@erasmusmc.nl
<i>SciBX</i> 4(38); doi:10.1038/scibx.2011.1070 Published online Sept. 29, 2011				