This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Staphylococcus	Staphylocoagulase precursor (coa); von Willebrand factor binding protein (vWbp)	Studies in mice suggest that a vaccine consisting of the two coagulases, coa and vWbp, could help prevent <i>Staphylococcus aureus</i> infection. In mice, vaccination with recombinant coa and vWbp antigen decreased bacterial load and abscess formation after challenge with methicillin-resistant <i>S. aureus</i> compared with a saline control vaccination. Next steps include defining the scope of protection against different coagulase types of <i>S. aureus</i> isolates.	Patent application filed; licensing status undisclosed	Cheng, A.G. <i>et al. PLoS Pathog.</i> ; published online Aug. 5, 2010; doi:10.1371/journal.ppat.1001036 Contact: Olaf Schneewind, University of Chicago, Chicago, Ill. e-mail: oschnee@bsd.uchicago.edu
SciBX 3(36); doi:10.1038/scibx.2010.1095 Published online Sept. 16, 2010				