This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Viral infection	IL-6 signal transducer (IL-6ST; gp130; CD130); IL-27; IL-27 receptor- α (IL27RA)	<p>Mouse studies suggest increasing IL-27 signaling through gp130 and IL27RA could help control chronic viral infections. In mice infected with lymphocytic choriomeningitis virus (LCMV), <i>gp130</i> knockout in CD4⁺ T cells decreased CD4⁺ and CD8⁺ T cell immune responses compared with no knockout and led to chronic infection. In the same model, knockout of <i>IL27RA</i> also led to chronic infection. Next steps include testing whether inducing gp130 signaling on virus-specific T cells enhances chronic virus clearance.</p> <p>SciBX 6(38); doi:10.1038/scibx.2013.1065 Published online Oct. 3, 2013</p>	Unpatented; available for licensing	<p>Harker, J.A. <i>et al. Immunity</i>; published online Aug. 29, 2013; doi:10.1016/j.immuni.2013.08.010 Contact: Elina I. Zuniga, University of California, San Diego, Calif. e-mail: eizuniga@ucsd.edu</p>