This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Rotavirus	Interferon- λ receptor (IL28RA; IFNLR1); IL-28A (IFNL2)	<p>Mouse studies suggest promoting signaling between IL-28A and its receptor IL28RA could help treat rotavirus infection. In mouse models of rotavirus infection, <i>Il28ra</i> knockouts had higher viral antigen loads than <i>Il28ra</i>-expressing controls. In wild-type mouse models of rotavirus infection, IL-28a lowered viral antigen loads in the colon compared with vehicle. Next steps could include identifying IL-28A mimetics and IL28RA agonists.</p> <p>SciBX 4(20); doi:10.1038/scibx.2011.576 Published online May 19, 2011</p>	Patent and licensing status unavailable	<p>Pott, J. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online April 25, 2011; doi:10.1073/pnas.1100552108 Contact: Mathias W. Hornef, Hannover Medical School, Hannover, Germany e-mail: hornef.mathias@mh-hannover.de Contact: Silvia Stockinger, same affiliation as above e-mail: stockinger.silvia@mh-hannover.de Contact: Peter Staeheli, University of Freiburg, Freiburg, Germany e-mail: peter.staeheli@uniklinik-freiburg.de</p>