This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Autoimmune disease				
Autoimmune	FMS-like tyrosine kinase 3 (FLT3; CD135)	Studies in mice suggest that FLT3-mediated enhancement of dendritic cell (DC) levels could help treat autoimmune diseases. In mice, FLT3 injection led to increased numbers of T _{reg} cells and DCs, which increased immunological self-tolerance. FLT3-induced DC expansion prevented type 1 diabetes and inflammatory bowel disease (IBD) in mice. Next steps could include testing the strategy in additional models of autoimmune disease.	Patent and licensing status unavailable	Darrasse-Jeze, G. <i>et al. J. Exp. Med.</i> ; published online Aug. 10, 2009; doi:10.1084/jem.20090746 Contact: Guillaume Darrasse-Jèze, The Rockefeller University, New York, N.Y. e-mail: gdarrasse@rockefeller.edu
SciBX 2(34); doi:10.1038/scibx.2009.1301 Published online Sept. 3, 2009				