This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Transplantation				
Graft-versus-host disease (GvHD)	G-CSF (CSF3); IL-17 (IL-17A)	A study in mice suggests that inhibiting IL-17A could help prevent G-CSF-induced sclerodermatous GvHD. In mice, transplantation of G-CSF-mobilized stem cells from IL-17a-deficient donors resulted in reduced cutaneous GvHD severity compared with transplantation of cells taken from wild-type donors. Next steps could include evaluating IL-17A-specific inhibitors in animal models of sclerodermatous GvHD. SciBX 3(20); doi:10.1038/scibx.2010.630 Published online May 20, 2010	Patent and licensing status unavailable	Hill, G.R. <i>et al. Blood</i> ; published online April 30, 2010; doi:10.1182/blood-2009-11-256495 Contact: Kelli P.A. MacDonald, Queensland Institute of Medical Research, Herston, Queensland, Australia e-mail: kelli.macdonald@qimr.edu.au