This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Transplantation				
Bone marrow transplant	Epidermal growth factor (EGF)	<p>Mouse studies suggest EGF could be useful in aiding recovery after bone marrow transplant. In irradiated mice, EGF increased hematopoietic stem cell (HSC) regeneration and survival compared with vehicle. In these mice, genetic or pharmacological disruption of EGF signaling decreased HSC regeneration and survival compared with no disruption. Next steps include scaling up EGF manufacturing and conducting preclinical studies comparing its efficacy with that of granulocyte colony-stimulating factor (G-CSF; CSF3), the standard of care for HSC mobilization after myeloablative therapy.</p> <p>SciBX 6(8); doi:10.1038/scibx.2013.201 Published online Feb. 28, 2013</p>	Patent pending; available for licensing	<p>Doan, P.L. <i>et al. Nat. Med.</i>; published online Feb. 3, 2013; doi:10.1038/nm.3070 Contact: John P. Chute, Duke University, Durham, N.C. e-mail: john.chute@duke.edu</p>