This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Musculoskeletal disease				
Muscle repair	Not applicable	Rabbit and rodent studies suggest decellularized skeletal muscle scaffolds could be used for muscle repair without inducing a rejection response. In rats, transplanted, decellularized skeletal muscle scaffolds derived from rabbits degenerated slower than transplanted, fresh rabbit skeletal muscle. In these rats, the xenogeneic, decellularized skeletal muscle scaffolds induced less of a transplant rejection response than fresh transplants and improved survival of xenogeneic cells. Next steps include evaluating similar pig-derived, decellularized matrices in nonhuman primates.	Unpatented; licensing status not applicable	Fishman, J.M. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Aug. 12, 2013; doi:10.1073/pnas.1213228110 Contact: Paolo De Coppi, UCL Institute of Child Health, London, U.K. e-mail: p.decoppi@ucl.ac.uk
SciBX 6(35); doi:10.1038/scibx.2013.965 Published online Sept. 12, 2013				