This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Ophthalmic disease				
Glaucoma	Glycosylation dependent cell adhesion molecule 1 (GLYCAM1)	<p>Mouse studies suggest localized X-ray radiation could help prevent glaucoma by blocking neuroinflammation. In a mouse model of glaucoma, locally administered X-ray radiation prevented the development of glaucoma ($p=1.8 \times 10^{-32}$). In the model, radiation treatment increased Glycam1 expression and decreased monocyte infiltration into the retina compared with no treatment. Next steps include testing nonradiation methods to block monocyte infiltration into the retina.</p> <p>SciBX 5(16); doi:10.1038/scibx.2012.427 Published online April 19, 2012</p>	Patent application filed; available for licensing	<p>Howell, G.R. <i>et al. J. Clin. Invest.</i>; published online March 19, 2012; doi:10.1172/JCI61135 Contact: Simon W.M. John, The Jackson Laboratory, Bar Harbor, Maine e-mail: simon.john@jax.org</p>