This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Ophthalmic disease				
Various indications	Frizzled homolog 4 (FZD4); Norrie disease pseudoglioma (NDP; Norrin)	Studies in mice suggest that antagonizing NDP or FZD4 could help treat diseases characterized by excess retinal vascularization. Mice with knockout of <i>Fzd4</i> in the vascular endothelium had visual defects and poorly vascularized retinas compared with wild-type controls. <i>Ndp</i> knockout mice had retinal vascular deficiencies similar to those in the <i>Fzd4</i> knockout mice. Next steps include testing the effects of blocking NDP or FZD4 in models of retinal vascular disease.	Unpatented; licensing status not applicable	Ye, X. <i>et al. Cell</i> ; published online Oct. 16, 2009; doi:10.1016/j.cell.2009.07.047 Contact: Jeremy Nathans, The Johns Hopkins University School of Medicine, Baltimore, Md. e-mail: jnathans@jhmi.edu
SciBX 2(43); doi:10.1038/scibx.2009.1612 Published online Nov. 5, 2009				