

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Ophthalmic disease</b>				
Ophthalmic disease	Semaphorin 3A (SEMA3A)	<p>Mouse studies suggest that inhibiting SEMA3A in the retina could help treat proliferative retinopathies. In a mouse model of proliferative retinopathy, intraocular injection of small hairpin RNA against Sema3a decreased aberrant vascularization and increased normal revascularization and retinal function compared with injection of control shRNA. Next steps include identifying inhibitors of semaphorin receptors.</p> <p><b>SciBX 4(11); doi:10.1038/scibx.2011.320</b>                      Published online March 17, 2011</p>	Unpatented; licensing status not applicable	<p>Joyal, J.-S. <i>et al. Blood</i>; published online Feb. 25, 2011; doi:10.1182/blood-2010-10-311589</p> <p><b>Contact:</b> Przemyslaw Sapiha, CHU Sainte-Justine Research Center, Montreal, Quebec, Canada                      e-mail: <a href="mailto:mike.sapiha@umontreal.ca">mike.sapiha@umontreal.ca</a></p>