

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Ophthalmic disease</b>				
Retinitis; ophthalmic disease	Guanylate cyclase activator 1A retina (GUCA1A)	<p>Mouse studies suggest small hairpin RNA therapy could help treat retinitis pigmentosa (RP). In a transgenic mouse model of RP expressing mutant bovine Guca1a, subretinal injection of a recombinant adeno-associated viral (AAV) vector loaded with shRNA against the mutation increased both photoreceptor survival and visual acuity compared with injection of an AAV vector-delivered scrambled control shRNA. Planned work includes testing an AAV vector delivering shRNA against mutant mouse Guca1a in mouse models.</p> <p><b>SciBX 4(43); doi:10.1038/scibx.2011.1218</b>  <b>Published online Nov. 3, 2011</b></p>	Unpatented; unlicensed	<p>Jiang, L. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Oct. 31, 2011; doi:10.1073/pnas.1112758108</p> <p><b>Contact:</b> Wolfgang Baehr, The University of Utah, Salt Lake City, Utah            e-mail: <a href="mailto:wbaehr@hsc.utah.edu">wbaehr@hsc.utah.edu</a></p>