This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Herpes simplex virus (HSV)	Myelin-associated glycoprotein (MAG); herpes simplex virus glycoprotein B (gB)	<p>A study in cell culture suggests that inhibiting interactions between HSV gB and MAG could help prevent HSV infection. HSV-1 viral particles efficiently infected MAG-transfected human cells but not mock-transfected controls. In a separate human cell line, an anti-MAG mAb reduced HSV-1 infection efficiency better than a control mAb. Next steps include discovering small molecules that block the interaction between MAG and HSV gB.</p> <p>SciBX 3(4); doi:10.1038/scibx.2010.121 Published online Jan. 28, 2010</p>	<p>Patent application filed covering method to find a molecule that inhibits viral infection by blocking MAG function; available for licensing from the Osaka University Office for University-Industry Collaboration</p>	<p>Suenaga, T. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Dec. 21, 2009; doi:10.1073/pnas.0913351107</p> <p>Contact: Hisashi Arase, Osaka University, Osaka, Japan e-mail: arase@biken.osaka-u.ac.jp</p>