This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Autoimmune disease				
Autoimmune	CD24; sialic acid binding Ig-like lectin 10 (SIGLEC10)	<p>A study in mice suggests that increasing CD24 and SIGLEC10 levels could help protect cells from autoimmune disease. In a mouse model of acetaminophen-induced liver necrosis, a sublethal dose of acetaminophen killed all CD24^{-/-} mice within 20 hours, whereas all wild-type mice and vehicle-treated controls survived. In mice lacking siglecg, the murine homolog of SIGLEC10, only 25% of the mice survived the sublethal dose of acetaminophen. Next steps include identifying compounds that increase the CD24- and SIGLEC10- mediated pathway.</p> <p>SciBX 2(11); doi:10.1038/scibx.2009.434 Published online March 19, 2009</p>	<p>Patent application filed; available for licensing</p> <p>Contact: Yang Liu, University of Michigan School of Medicine, Ann Arbor, Mich. e-mail: yangl@umich.edu</p>	<p>Chen, G.-Y. <i>et al. Science</i>; published online March 5, 2009; doi:10.1126/science.1168988</p> <p>Contact: Yang Liu, University of Michigan School of Medicine, Ann Arbor, Mich. e-mail: yangl@umich.edu</p> <p>Contact: Pan Zheng, same affiliation as above e-mail: panz@umich.edu</p>