This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Autoimmune disease				
Multiple sclerosis (MS)	CC chemokine receptor 6 (CCR6)	<p>A study in mice suggests that antagonizing CCR6 could help prevent MS. CCR6 knockout mice, which produce T helper type 17 (Th17) cells devoid of CCR6, were resistant to induction of the MS-like condition experimental autoimmune encephalomyelitis (EAE) compared with what was seen in wild-type controls. CCR6 knockout mice treated with wild-type Th17 cells developed EAE. In CCR6 knockouts, Th17 cells accumulated in the choroid plexus, a tissue that separates the brain from the ventricles, unlike in wild-type controls, where there was no accumulation. Next steps include testing whether CCR6 plays a role in periodic MS relapses.</p> <p>SciBX 2(15); doi:10.1038/scibx.2009.609 Published online April 16, 2009</p>	Unpatented; licensing status not applicable	<p>Reboldi, A. <i>et al. Nat. Immunol.</i>; published online March 22, 2009; doi:10.1038/ni.1716</p> <p>Contact: Federica Sallusto, Institute for Research in Biomedicine, Bellinzona, Switzerland e-mail: federica.sallusto@irb.unisi.ch</p>