This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Stroke	IL-10	Studies in mice suggest that T_{regs} protect against postinfarction inflammation to improve outcome following stroke. In a mouse model of stroke, antibody depletion of immunomodulator T_{regs} caused higher levels of cytokines and infarct size and worse functional outcome than that seen in control mice undergoing a stroke. In T_{reg}-depleted mice, intracerebroventricular IL-10 or transfer of wild-type T_{regs} lowered levels of proinflammatory cytokines and prevented secondary infarct growth compared with the effects of transferring IL-10-deficient T_{regs}. Next steps could include studying various T_{reg} cell mediators, other than IL-10, to determine their contribution to T_{reg} protection. *SciBX* **2**(5); doi:10.1038/scibx.2009.203 Published online Feb. 5, 2009	Patent and licensing status unavailable	Liesz, A. *et al. Nat. Med.*; published online Jan. 25, 2009; doi:10.1038/nm.1927 **Contact:** Roland Veltkamp, University Heidelberg, Heidelberg, Germany e-mail: Roland.Veltkamp@med.uni-heidelberg.de