This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Multiple sclerosis (MS)	RGM domain family member A (RGMA)	Patient sample and mouse studies suggest that inhibiting RGMA could help treat MS. In an MS mouse model, an RGMA-specific antibody decreased disease severity and incidence compared with IgG control. In peripheral blood mononuclear cells (PBMCs) from MS patients, RGMA-specific antibodies lowered T cell proliferation and proinflammatory cytokine release compared with IgG. Next steps include developing a humanized mAb against RGMA.	Patent application filed; available for licensing	Muramatsu, R. <i>et al. Nat. Med.</i> ; published online March 20, 2011; doi:10.1038/nm.2321 Contact: Toshihide Yamashita, Osaka University, Osaka, Japan e-mail: yamashita@molneu.med.osaka-u.ac.jp
<i>SciBX</i> 4(13); doi:10.1038/scibx.2011.377 Published online March 31, 2011				