This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Autoimmune disease				
Multiple sclerosis (MS)	Bone morphogenetic protein 4 (BMP4)	A study in mice suggests that antagonizing BMP4 could help treat MS. In a mouse model of MS, infusion of noggin (Nog), a protein that naturally antagonizes Bmp4, decreased neuroinflammation and increased remyelination compared with infusion of vehicle controls. Next steps include testing human MS tissue for evidence of BMP4 dysregulation and identifying the best therapeutic window for modulating BMP4.	Unpatented; licensing status not applicable	Sabo, J.K. <i>et al. J. Neurosci.</i> ; published online March 23, 2011; doi:10.1523/JNEUROSCI.5859-10.2011 Contact: Holly S. Cate, The University of Melbourne, Melbourne, Victoria, Australia e-mail: hcate@unimelb.edu.au
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