This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Autoimmune disease				
Multiple sclerosis (MS)	Basigin Ok blood group (BSG; EMMPRIN; CD147)	Patient samples and mouse studies suggest that inhibiting EMMPRIN could help treat MS. In brain slices from human MS patients, EMMPRIN levels were higher in plaque areas than levels in slices from healthy controls. In mice with experimental autoimmune encephalomyelitis, an anti-EMMPRIN antibody decreased both disease severity and infiltration of leukocytes into the CNS compared with a control antibody. Next steps could include studying anti-EMMPRIN antibodies in additional animal models of MS.	Patent application filed; available for licensing	Agrawal, S.M. <i>et al. J. Neurosci.</i> ; published online Jan. 12, 2011; doi:10.1523/JNEUROSCI.3659-10.2011 Contact: V. Wee Yong, University of Calgary, Calgary, Alberta, Canada e-mail: vyong@ucalgary.ca
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