This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Neurology	ADAM8; tumor necrosis factor- α (TNF- α)	A study in mice and cell culture suggests that activating ADAM8 expression could help treat proinflammatory neuronal disorders. In mice with motor neuron disease, ADAM8-deficient mice showed more severe neuropathology than did nondeficient controls. In isolated mouse primary neurons, an ADAM8 deficiency resulted in higher sensitivity to TNF- α -associated toxicity than that in wild-type neurons. Next steps include studying the role of ADAM8 in other inflammation-associated CNS disorders.	Unpatented; licensing status not applicable	Bartsch, J.W. <i>et al. J. Neurosci.</i> ; published online Sept. 8, 2010; doi:10.1523/ JNEUROSCI.1520-10.2010 Contact: Jörg W. Bartsch, King's College London, London, U.K. e-mail: jorg.bartsch@kcl.ac.uk
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