This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Hemorrhagic stroke due to cerebral amyloid angiopathy (HS-CAA)	β -amyloid (A β)	Studies in mice suggest that boosting perivascular macrophage activity could help prevent or lower the risk of HS-CAA. In a mouse model of CAA, depletion of perivascular macrophages resulted in increased deposits of A β . Stimulation of macrophage turnover with chitin elicited higher clearance of amyloid deposits compared with that seen in controls. Future work will need to determine how to target perivascular macrophages or boost their function to treat HS-CAA.	Unpatented	Hawkes, C. & McLaurin, J. <i>Proc. Natl. Acad. Sci. USA</i> ; published online Jan. 12, 2009; doi:10.1073/pnas.0805453106 Contact: JoAnne McLaurin, University of Toronto, Toronto, Ontario, Canada e-mail: j.mclaurin@utoronto.ca
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