This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Neuroinflammation	Endothelial cell nitric oxide synthase 3 (NOS3; eNOS); VEGF-A	<p>Mouse studies suggest antagonizing eNOS or VEGF-A could help prevent neuroinflammation. In a mouse model of neuroinflammation, Vegf-a knockout in astrocytes resulted in increased blood brain barrier integrity and decreased eNos activity and lymphocyte infiltration of the brain compared with wild-type Vegf-a expression. Mice treated with a generic eNOS inhibitor had lower neuroinflammation than mice given vehicle. Next steps include developing brain-penetrant VEGF-A and eNOS antagonists.</p> <p>SciBX 5(26); doi:10.1038/scibx.2012.682 Published online June 28, 2012</p>	Patent pending for use of eNOS antagonists in neuroinflammation; available for licensing	<p>Argaw, A.T. <i>et al. J. Clin. Invest.</i>; published online June 1, 2012; doi:10.1172/JCI60842</p> <p>Contact: Gareth R. John, Mount Sinai School of Medicine, New York, N.Y. e-mail: gareth.john@mssm.edu</p>