This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Neurology	Unknown	<p>Mouse studies suggest lithium could help treat Down syndrome. In a mouse model of Down syndrome, chronic treatment with the generic mood stabilizer lithium restored hippocampal neurogenesis to levels that were comparable to those in wild-type controls and promoted proliferation of neural precursor cells. In the lithium-treated mice, compared with saline-treated mice, restoration of neurogenesis increased performance on behavioral and memory tests. Next steps include clinical testing of lithium.</p> <p>SciBX 6(1); doi:10.1038/scibx.2013.21 Published online Jan. 10, 2013</p>	Unpatented; licensing status not applicable	<p>Contestabile, A. <i>et al. J. Clin. Invest.</i>; published online Dec. 3, 2012; doi:10.1172/JCI64650 Contact: Laura Gasparini, Italian Institute of Technology, Genoa, Italy e-mail: laura.gasparini@iit.it</p>