This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Alzheimer's disease (AD)	Bone morphogenetic protein 9 (BMP9; GDF2)	<p>Mouse studies suggest BMP9 could be useful for treating AD. In a mouse model of AD, intracerebroventricular infusion of BMP9 increased expression of procholinergic growth factors and decreased cholinergic neuron defects and β-amyloid ($A\beta$) pathology compared with vehicle control infusion. Next steps could include studying the behavioral and cognitive effects of BMP9 infusion and testing a truncated form of BMP9 in additional mouse models of AD.</p> <p>SciBX 7(1); doi:10.1038/scibx.2014.25 Published online Jan. 9, 2014</p>	Patent and licensing status undisclosed	<p>Burke, R.M. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Nov. 11, 2013; doi:10.1073/pnas.1319297110 Contact: Tiffany J. Mellott, Boston University School of Medicine, Boston, Mass. e-mail: tmellott@bu.edu Contact: Susan E. Leeman, same affiliation as above e-mail: sleeman@bu.edu</p>