This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Epilepsy; seizures	Galanin receptor 2 (GALR2)	Cell culture and mouse studies identified a nonpeptide compound that could help prevent epileptic seizures. In cells expressing GALR2, the small molecule CYM2503 lowered the EC ₅₀ of the anticonvulsive galanin by 50-fold compared with vehicle. In a rat model of seizure, CYM2503 increased both time to first seizure and survival compared with vehicle. Next steps include pharmacokinetic analysis and testing in additional seizure and epilepsy models.	Patented; available for licensing	Lu, X. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online July 26, 2010; doi:10.1073/pnas.1008986107 Contact: Xiaoying Lu, The Scripps Research Institute, La Jolla, Calif. e-mail: xiaoying@scripps.edu
SciBX 3(31); doi:10.1038/scibx.2010.963 Published online Aug. 12, 2010				