This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Apnea	Glycine receptor $\alpha 3$ (GLRA3); serotonin (5-HT _{1A}) receptor	Studies in mice suggest that activation of 5-HT _{1A} receptors could help prevent opioid- and disease-associated apneas. In mice, a 5-HT _{1A} receptor agonist prevented opioid-induced apnea compared with no treatment. Next steps could include studying how the interaction between the 5-HT _{1A} receptor and GLRA3 protects against apnea. SciBX 3(42); doi:10.1038/scibx.2010.1274 Published online Oct. 28, 2010	Patent and licensing status unavailable	Manzke, T. <i>et al. J. Clin. Invest.</i> ; published online Oct. 11, 2010; doi:10.1172/JCI43029 Contact: Diethelm W. Richter, University Medicine Goettingen, Goettingen, Germany e-mail: d.richter@gwdg.de