

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Neurology				
Addiction	PBX/knotted 1 homeobox 2 (PKNOX2)	A mutation in <i>PKNOX2</i> could help predict risk for multiple substance addictions in women of European descent. A genomewide association study found a significant correlation between a <i>PKNOX2</i> SNP and substance dependence in women of European descent ($p=7.1 \times 10^{-8}$). Future studies include evaluating <i>PKNOX2</i> in independent populations of addicted individuals.	Unpatented; unlicensed	Chen, X. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Aug. 31, 2009; doi:10.1073/pnas.0908521106 Contact: Heping Zhang, Yale University, New Haven, Conn. e-mail: heping.zhang@yale.edu
		SciBX 2(34); doi:10.1038/scibx.2009.1321 Published online Sept. 3, 2009		