

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Parkinson's disease (PD)	G protein-coupled receptor kinase 6 (GRK6; GPRK6)	Rat and monkey studies suggest that increasing GRK6 levels could help reduce dyskinesia associated with dopamine replacement therapy for PD. In a rat model of PD, lentiviral-mediated expression of GRK6 reduced L-dopa-induced dyskinesia compared with expression of GFP control protein. In a macaque model of PD, expression of <i>GRK6</i> reduced L-dopa-induced dyskinesia and prolonged the therapeutic effect of L-dopa compared with expression of GFP control protein. Next steps include identifying small molecules targeting GRK6. SciBX 3(18); doi:10.1038/scibx.2010.564 Published online May 6, 2010	Findings unpatented; unavailable for licensing	Ahmed, M. <i>et al. Sci. Transl. Med.</i> ; published online April 21, 2010; doi:10.1126/scitranslmed.3000664 Contact: Eugenia V. Gurevich, Vanderbilt University, Nashville, Tenn. e-mail: Eugenia.Gurevich@vanderbilt.edu Contact: Erwan Bezar, University of Victor Segalen Bordeaux 2, Bordeaux, France e-mail: Erwan.bezar@u-bordeaux2.fr