SciBX
Science-Business eXchange

THE DISTILLERY

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Ophthalmic disease				
Ophthalmic; dental	Cyclin M4 (CNNM4)	Genomewide haplotype analysis identified mutations in *CNNM4* that could be targeted to help treat cone-rod dystrophy associated with amelogenesis imperfecta. Single-nucleotide haplotype analysis and genetic mapping of individuals affected by the ophthalmic and dental syndrome from three families showed mutations in *CNNM4*. In mice, immunohistochemistry studies showed that Cnnm4 is localized to the cell body of ameloblasts in the tooth and to various cells of the eye. Next steps could include testing viral-mediated gene replacement of CNNM4 to treat the syndrome. ***SciBX*** **2(8); doi:10.1038/scibx.2009.334** **Published online Feb. 26, 2009**	Patent and licensing status unavailable	Polok, B. *et al. Am. J. Hum. Genet.*; published online Feb. 13, 2009; doi:10.1016/j.ajhg.2009.01.006 **Contact:** Daniel F. Schorderet, IRO–Institute of Ophthalomy Research, Sion, Switzerland e-mail: daniel.schorderet@irovision.ch