

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Various				
Diabetes; inflammation; obesity	Protein kinase C ζ (PRKCZ; PKC ζ)	A study in mice suggests that increasing PKC ζ expression could help reduce obesity-induced inflammation that contributes to type 2 diabetes. In a mouse model of diet-induced obesity, PKC ζ deficiency led to stronger inflammatory responses than those in nondeficient controls. PKC ζ -deficient animals on a high-fat diet had lower insulin sensitivity and glucose tolerance than nondeficient controls. Next steps could include screening for compounds that increase PKC ζ expression.	Patent and licensing status unavailable	Lee, S.J. <i>et al. Cell Metab.</i> ; published online July 6, 2010; doi:10.1016/j.cmet.2010.05.003 Contact: Jorge Moscat, University of Cincinnati College of Medicine, Cincinnati, Ohio e-mail: jorge.moscat@uc.edu
		SciBX 3(28); doi:10.1038/scibx.2010.873 Published online July 22, 2010		