SciBX
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THE DISTILLERY

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Endocrine/metabolic disease				
Obesity	Phosphoinositide 3-kinase-γ (PI3Kγ)	Mouse studies suggest that inhibiting PI3Kγ in non–bone marrow cells could help treat obesity. In obese mice, Pi3kγ levels were higher in adipose tissues than those in adipose tissues from lean mice. In Pi3kγ$^{-/-}$ mice, weight gain, hepatic steatosis and adipose tissue inflammation were decreased and insulin sensitivity was increased compared with what was seen in wild-type mice. Next steps include designing and testing PI3Kγ inhibitors in animal models of metabolic diseases. *SciBX* 4(40); doi:10.1038/scibx.2011.1117 Published online Oct. 13, 2011	Unpatented; unlicensed	Becattini, B. *et al. Proc. Natl. Acad. Sci. USA*; published online Sept. 26, 2011; doi:10.1073/pnas.1106698108 **Contact:** Giovanni Solinas, University of Fribourg, Fribourg, Switzerland e-mail: Giovanni.Solinas@unifr.ch **Contact:** Matthias P. Wymann, Institute of Biochemistry and Genetics, University of Basel, Basel, Switzerland e-mail: Matthias.Wymann@unibas.ch