

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Endocrine/metabolic disease				
Diabetes	Abhydrolase domain containing 6 (ABHD6)	<p>Cell culture and mouse studies suggest inhibiting ABHD6 could help treat diabetes. In cultured β cells, <i>ABHD6</i>-targeted siRNA increased glucose-stimulated insulin secretion compared with control siRNA. In a mouse model of diabetes, inhibition of <i>Abhd6</i> normalized blood glucose levels and increased insulin secretion and glucose tolerance compared with no inhibition. Next steps include developing pharmacological ABHD6 inhibitors and mechanistic studies to better understand the relationship between ABHD6 and insulin secretion.</p> <p>SciBX 7(23); doi:10.1038/scibx.2014.680 Published online June 12, 2014</p>	Patent and licensing status undisclosed	<p>Zhao, S. <i>et al. Cell Metab.</i>; published online May 8, 2014; doi:10.1016/j.cmet.2014.04.003 Contact: Marc Prentki, University of Montreal, Montreal, Quebec, Canada e-mail: marc.prentki@umontreal.ca Contact: S.R. Murthy Madiraju, same affiliation as above e-mail: murthy.madiraju@crchum.qc.ca</p>