

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Cancer</b>				
Cancer	Heat shock protein 90 (Hsp90); lysine-specific demethylase 4B (KDM4B; JMJD2B)	Cell culture studies suggest KDM4B activity could be reduced by blocking Hsp90. High KDM4B activity has been associated with tumorigenesis. In cell culture, Hsp90 interacted with KDM4B, and proteasome-mediated degradation of KDM4B was higher after pharmacological inhibition of Hsp90 than after no inhibition. Next steps include assessing the effect of Hsp90 inhibition on the stability of other histone demethylases.	Unpatented; licensing status not applicable	Ipenberg, I. <i>et al. J. Biol. Chem.</i> ; published online April 15, 2013; doi:10.1074/jbc.C113.462770 <b>Contact:</b> Nabieh Ayoub, Technion-Israel Institute of Technology, Haifa, Israel e-mail: <a href="mailto:ayoubn@technion.ac.il">ayoubn@technion.ac.il</a>
		<i>SciBX</i> 6(20); doi:10.1038/scibx.2013.488 Published online May 23, 2013		