

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Various</b>				
Cancer; Alzheimer's disease (AD)	Protein phosphatase methylesterase 1 (PPME1); protein phosphatase 2 (PPP2CA; PP2A)	An <i>in vitro</i> study identified sulfonyl acrylonitrile-based inhibitors of PPME1 that could help treat cancer and AD. In human cells, the lead compound inhibited PPME1, and it increased PP2A methylation compared with vehicle. Next steps include determining the effects of PPME1 inhibitors on cancer cell biology.	Patent application filed; licensing status undisclosed	Bachovchin, D.A. <i>et al. J. Med. Chem.</i> ; published online June 3, 2011; doi:10.1021/jm200502u <b>Contact:</b> Benjamin F. Cravatt, The Scripps Research Institute, La Jolla, Calif. e-mail: <a href="mailto:cravatt@scripps.edu">cravatt@scripps.edu</a>
		<i>SciBX</i> 4(28); doi:10.1038/scibx.2011.805 Published online July 21, 2011		