

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Various</b>				
Cancer; neurology	Not applicable	<p>Studies in cell culture identified alkylamino oxysterols that could be useful for treating cancer or neurodegenerative diseases. In a panel of 15 mouse and human cancer cell lines, one of the alkylamino oxysterols inhibited proliferation with IC<sub>50</sub> values in the nanomolar to single-digit micromolar ranges. In mouse motor neurons, a second alkylamino oxysterol increased neuron survival compared with brain-derived neurotrophic factor (BDNF) or vehicle alone. Ongoing studies are evaluating the compounds in animal models of cancer and neurodegenerative diseases.</p> <p><i>SciBX</i> 2(38); doi:10.1038/scibx.2009.1451 Published online Oct. 1, 2009</p>	Compounds patented for treatment of cancer and neurodegenerative diseases; available for licensing from Affichem	<p>Medina, P. <i>et al. J. Med. Chem.</i>; published online Sept. 22, 2009; doi:10.1021/jm901063e</p> <p><b>Contact:</b> Marc Poirot, University Paul Sabatier, Toulouse, France e-mail: <a href="mailto:Marc_Poirot@hotmail.com">Marc_Poirot@hotmail.com</a></p>