

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Neurology</b>				
Alzheimer's disease (AD)	Not applicable	<i>In vitro</i> studies suggest gambierol analogs could help treat AD. Gambierol is a toxin produced in limited quantities by marine <i>Gambierdiscus toxicus</i> . Two truncated skeletal analogs of the molecule were synthesized, and in primary cortical neurons, the analogs decreased $\beta$ -amyloid (A $\beta$ ) accumulation and levels of phosphorylated- $\tau$ compared with no treatment. Next steps could include testing the analogs in animal models of AD.  <i>SciBX</i> 5(17); doi:10.1038/scibx.2012.445 Published online April 26, 2012	Patent and licensing status unavailable	Alonso, E. <i>et al.</i> <i>J. Am. Chem. Soc.</i> ; published online April 4, 2012; doi:10.1021/ja300565t <b>Contact:</b> Luis M. Botana, University of Santiago of Compostela, Lugo, Spain e-mail: <a href="mailto:luis.botana@usc.es">luis.botana@usc.es</a>