

## This week in techniques

Approach	Summary	Licensing status	Publication and contact information
<b>Drug platforms</b>			
Glycogen-dependent kinase 3 (GSK3), bisindolylmaleimide-derived inhibitors to promote embryonic stem cell (ESC) renewal	A series of bisindolylmaleimide-derived GSK3 inhibitors could help enhance ESC expansion for therapeutic applications. In mouse ESC culture, the GSK3 inhibitors in combination with leukemia inhibitory factor (LIF) increased the number of pure, self-renewing colonies compared with what was seen in untreated controls. When LIF was not present, the inhibitors were unable to maintain mouse ESC self-renewal. Next steps include translating the results to human ESCs and pluripotent stem cells. <i>SciBX</i> 2(5); doi:10.1038/scibx.2009.211 Published online Feb. 5, 2009	Work unpatented; licensing status undisclosed	Bone, H.K. <i>et al. Chem. Biol.</i> ; published online Jan. 29, 2009; doi:10.1016/j.chembiol.2008.11.003 <b>Contact:</b> Melanie J. Welham, University of Bath, Bath, U.K. e-mail: <a href="mailto:M.J.Welham@bath.ac.uk">M.J.Welham@bath.ac.uk</a>