This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
DEP domain containing 6 (DEPTOR; DEPD6) inhibition to enhance differentiation of embryonic stem (ES) cells	<p>Cell culture studies suggest DEPTOR inhibition could help promote <i>in vitro</i> differentiation of ES cells into desired cell types. In mouse ES cells, shRNA against <i>Deptor</i> decreased markers of pluripotency and increased markers of endodermal or ectodermal differentiation compared with control shRNA. Next steps include characterizing the effects of DEPTOR inhibition on differentiation of human ES cells into specific cell types.</p> <p>SciBX 7(41); doi:10.1038/scibx.2014.1218 Published online Oct. 23, 2014</p>	Patent and licensing status undisclosed	<p>Agrawal, P. <i>et al. J. Biol. Chem.</i>; published online Sept. 25, 2014; doi:10.1074/jbc.M114.565838 Contact: Robert E. Hughes, Buck Institute, Novato, Calif. e-mail: rhughes@buckinstitute.org Contact: Deepak A. Lamba, University of Washington, Seattle, Wash. e-mail: dlamba@buckinstitute.org</p>