This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Assays & screens			
Culture of human pluripotent stem (hPS) cells in non-muscle myosin II (MYH10; NMHCII)-depleted conditions to improve viability and increase available cells for clinical applications	<i>In vitro</i> studies suggest that culturing hPS cells in NMII-depleted media could improve cell viability. hPS or human induced pluripotent stem (hiPS) cells cultured with the NMII inhibitor blebbistatin or NMII-targeting small hairpin RNA had increased survival, colony formation and expression of self-renewal regulators compared with those cultured under standard conditions. Next steps include evaluating the strategy in additional stem cell lines. SciBX 3(36); doi:10.1038/scibx.2010.1104 Published online Sept. 16, 2010	Patent application filed; exclusively licensed to an undisclosed company; unavailable for licensing	Walker, A. <i>et al. Nat. Commun.</i> ; published online Sept. 7, 2010; doi:10.1038/ncomms1074 Contact: Noboru Sato, University of California, Riverside, Calif. e-mail: saton@ucr.edu