This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Expandable and transplantable fetal intestinal progenitors with colon-regenerative potential	Intestinal progenitor cells with fetal characteristics could be used to repair injured colon epithelium. <i>Ex vivo</i> , intestinal progenitors isolated from human fetal intestinal tissue or generated from induced pluripotent stem (iPS) cells formed fetal enterospheres that could be maintained and propagated for over two months. In mouse studies, an analogous cell population was differentiated <i>ex vivo</i> into intestinal epithelial progeny and used in a mouse model of colonic injury to engraft and form intestinal epithelial structures. Next steps include upscaling the procedure using human iPS cells and testing human enterospheres in a mouse model of colitis.	Unpatented; unavailable for licensing	Fordham, R.P. <i>et al. Cell Stem Cell</i> ; published online Oct. 17, 2013; doi:10.1016/j.stem.2013.09.015 Contact: Kim B. Jensen, University of Copenhagen, Copenhagen, Denmark e-mail: kim.jensen@bric.ku.dk
	SciBX 6(46); doi:10.1038/scibx.2013.1335 Published online Dec. 5, 2013		