

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Blood vessels formed from induced pluripotent stem (iPS) cell-derived endothelial and mesenchymal stem cells	<p>Mouse studies suggest that iPS cell-derived endothelial cells could regenerate vasculature to help treat cardiovascular diseases. In immunocompromised mice, implantation of human iPS cell-derived endothelial cells and mesenchymal progenitor cells resulted in the formation of functional and durable blood vessels. Blood vessels also could be formed from iPS cells generated from patients with type 1 diabetes. Next steps include developing a safe protocol for iPS cell generation and studying the human host response to the cells.</p> <p>SciBX 6(31); doi:10.1038/scibx.2013.840 Published online Aug. 15, 2013</p>	Patent application filed; licensing status unavailable	<p>Samuel, R. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online July 16, 2013; doi:10.1073/pnas.1310675110</p> <p>Contact: Rakesh K. Jain, Massachusetts General Hospital, Boston, Mass. e-mail: jain@steele.mgh.harvard.edu</p> <p>Contact: Dai Fukumura, same affiliation as above e-mail: dai@steele.mgh.harvard.edu</p>