This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
CD154-mediated isolation of antigen-specific T cells for adoptive transfer	<p><i>In vitro</i> studies identified a method to generate antigen-specific T cells that could help prevent infection in hematopoietic stem cell transplant patients. In peripheral blood mononuclear cells from healthy donors, stimulation with viral or fungal immunogenic peptides and isolation based on the activated T cell marker CD154 provided antigen-specific T cells. In cell culture, the CD154-selected T cells showed greater expansion after antigen stimulation and lysed more target cells than unstimulated cells. Next steps include scaling up the method.</p> <p>SciBX 4(25); doi:10.1038/scibx.2011.724 Published online June 23, 2011</p>	Unpatented; licensing status not applicable	<p>Khanna, N. <i>et al. Blood</i>; published online June 3, 2011; doi:10.1182/blood-2010-12-322610 Contact: Max S. Topp, University of Wuerzburg, Wuerzburg, Germany e-mail: topp_m@klinik.uni-wuerzburg.de</p>