This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Imaging			
Imaging immune disease using multicolor light sheet fluorescent microscopy (LSFM)	High-resolution LSFM could help characterize the immune response in preclinical disease models. A fixation and deep tissue multicolor staining protocol enabled the visualization of single T cells and cellular nuclei in reconstructed 3D images of intact mouse tissue. In a mouse model of graft-versus-host disease (GvHD), computational analysis quantified the dynamics of the immune response during disease progression. Next steps include using the approach to study tumor-immune cell interactions. SciBX 5(47); doi:10.1038/scibx.2012.1247 Published online Dec. 6, 2012	Unpatented; available for collaboration	Brede, C. <i>et al. J. Clin. Invest.</i>; published online Nov. 12, 2012; doi:10.1172/JCI65100 Contact: Christian Brede, Wuerzburg University Clinics, Wuerzburg, Germany e-mail: brede_c@medizin.uni-wuerzburg.de Contact: Andreas Beilhack, same affiliation as above e-mail: beilhack_a@klinik.uni-wuerzburg.de