This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Imaging			
Analysis of CT images to assess chronic obstructive pulmonary disease (COPD) phenotype	<p>Analysis of CT scans could be useful for assessing COPD phenotype. An image analysis technique called parametric response mapping was used to assess pulmonary CT scans from 194 patients with COPD. The analysis technique was used to determine disease severity and suggested functional small airways disease precedes emphysema in patients with COPD. Next steps include developing a software package to carry out parametric response map analysis of lung CT scans.</p> <p>SciBX 5(41); doi:10.1038/scibx.2012.1099 Published online Oct. 18, 2012</p>	Patent application filed covering methods and software required to perform parametric response map analysis of lung CT scans; licensed to Imbio LLC	Galbán, C.J. <i>et al. Nat. Med.</i> ; published online Oct. 7, 2012; doi:10.1038/nm.2971 Contact: Brian D. Ross, University of Michigan, Ann Arbor, Mich. e-mail: bdross@umich.edu