This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Fruit fly model of attention deficit hyperactivity disorder (ADHD)	<p>A fruit fly model could help identify new treatments for ADHD. The <i>radish</i> fruit fly has impaired consolidation of odor memories and poor response to visual stimuli. In a series of behavioral and brain-recording assays, the <i>radish</i> fly showed signs of reduced attention span and increased perceptual alterations and random behaviors compared with wild-type flies. The ADHD drug Ritalin methylphenidate reversed some of those deficits. Next steps include using the flies in pharmacological screens.</p> <p>Celgene Corp. and Novartis AG market Ritalin methylphenidate to treat ADHD.</p> <p>SciBX 3(5); doi:10.1038/scibx.2010.167 Published online Feb. 4, 2010</p>	Work unpatented; licensing status not applicable	<p>van Swinderen, B. <i>et al. J. Neurosci.</i>; published online Jan. 20, 2010; doi:10.1523/JNEUROSCI.4516-09.2010</p> <p>Contact: Bruno van Swinderen, The University of Queensland, Brisbane, Queensland, Australia e-mail: b.vanswinderen@uq.edu.au</p>