

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Neurology</b>				
Depression	Not applicable	<p>Mouse studies suggest increasing ATP release from astrocytes could help treat depression. In mouse models for depression, intracerebroventricular infusion of ATP decreased depressive behaviors more rapidly than the generic antidepressant imipramine. In normal mice, inhibition of ATP release from astrocytes induced depressive behaviors. In mouse models for depression, intracerebroventricular infusion of ATP decreased depressive behaviors compared with vehicle. Next steps could include screening for compounds that stimulate ATP release from astrocytes.</p> <p><b>SciBX 6(21); doi:10.1038/scibx.2013.523</b>  <b>Published online May 30, 2013</b></p>	Patent and licensing status unavailable	<p>Cao, X. <i>et al. Nat. Med.</i>; published online May 5, 2013;            doi:10.1038/nm.3162  <b>Contact:</b> Tian-Ming Gao, Southern Medical University, Guangzhou, China            e-mail: <a href="mailto:tgao@smu.edu.cn">tgao@smu.edu.cn</a>  <b>Contact:</b> Xin-Hong Zhu, same affiliation as above            e-mail: <a href="mailto:zhuxh@smu.edu.cn">zhuxh@smu.edu.cn</a></p>