

### This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
<b>Gastrointestinal disease</b>				
Gastrointestinal injury	Calpain 8 (CAPN8); CAPN9	<p>Mouse studies suggest that upregulating CAPN8 and CAPN9 in the gastrointestinal tract could help treat stress-induced gastrointestinal injury. In a mouse model of gastric injury, knockout of either <i>Capn8</i> or <i>Capn9</i> led to greater gastric injury than that in wild-type mice. Next steps include testing therapeutic strategies to increase calpain expression, such as gene therapy.</p> <p><b>SciBX 3(31); doi:10.1038/scibx.2010.956</b> Published online Aug. 12, 2010</p>	Findings unpatented; unavailable for licensing	<p>Hata, S. <i>et al. PLoS Genet.</i>; published online July 29, 2010; doi:10.1371/journal.pgen.1001040 <b>Contact:</b> Hiroyuki Sorimachi, The Tokyo Metropolitan Institute of Medical Science, Tokyo, Japan e-mail: <a href="mailto:sorimachi-hr@igakuken.or.jp">sorimachi-hr@igakuken.or.jp</a></p>