

### This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
<b>Neurology</b>				
Pain	NADPH oxidase 1 (NOX1)	Studies in mice suggest that antagonizing NOX1 could help treat inflammatory pain. In a mouse model of carrageenan-induced inflammatory pain, knockout of the NOX1 catalytic subunit led to less local edema and less pain withdrawal behavior than was seen in wild-type mice. The next step is to develop a specific inhibitor of NOX1. GenKyoTex S.A. has isoform-specific NOX inhibitors in preclinical development for cardiovascular, metabolic and neurodegenerative diseases.	Findings not patented; licensing status unavailable	Ibi, M. <i>et al. J. Neurosci.</i> ; published online Sept. 17, 2008; doi:10.1523/JNEUROSCI.1857-08.2008 <b>Contact:</b> Chihiro Yabe-Nishimura, Kyoto Prefectural University of Medicine, Kyoto, Japan e-mail: <a href="mailto:nchihiro@koto.kpu-m.ac.jp">nchihiro@koto.kpu-m.ac.jp</a>