

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Inflammation	Not applicable	<p>Studies in rats identified NSAIDs derived from loxoprofen that could help treat inflammation without causing gastric side effects. In rats, two of the loxoprofen derivatives decreased gastric lesion formation compared with loxoprofen. In a rat model of inflammation, the two loxoprofen derivatives had anti-inflammatory activity comparable to that of the parent compound. Next steps could include evaluating the safety of the derivatives in longer-term studies.</p> <p>Loxoprofen is a generic NSAID.</p> <p>SciBX 3(43); doi:10.1038/scibx.2010.1295 Published online Nov. 4, 2010</p>	Patent and licensing status unavailable	<p>Yamakawa, N. <i>et al. J. Med. Chem.</i>; published online Oct. 18, 2010; doi:10.1021/jm101116s</p> <p>Contact: Tohru Mizushima, Kumamoto University, Kumamoto, Japan e-mail: mizu@gpo.kumamoto-u.ac.jp</p>