This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Inflammation	N-Acylethanolamine acid amidase (NAAA; AS AHL)	<i>In vitro</i> and mouse studies identified a β -lactone-based inhibitor of NAAA that could help treat inflammation. <i>In vitro</i> , the compound inhibited NAAA with an IC_{50} value of 115 nM. In a mouse model of inflammation, the inhibitor decreased proinflammatory leukocyte infiltration compared with the parent compound or vehicle control. More potent and stable analogs of the identified NAAA inhibitor are being evaluated in preclinical studies. SciBX 3(29); doi:10.1038/scibx.2010.899 Published online July 29, 2010	Compound covered by an issued patent and two patent applications; available for licensing Contact: Daniele Piomelli, University of California, Irvine, Calif. e-mail: piomelli@uci.edu	Solorzano, C. <i>et al. J. Med. Chem.</i> ; published online July 6, 2010; doi:10.1021/jm100582w Contact: Marco Mor, University of Parma, Parma, Italy e-mail: mor@unipr.it Contact: Daniele Piomelli, University of California, Irvine, Calif. e-mail: piomelli@uci.edu