This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Inflammation	Purinergic receptor P2Y G protein- coupled 6 (P2RY6; P2Y6)	Studies in mice suggest that inhibiting <i>P2Y6</i> could help treat vascular inflammation. In a mouse model of lipopolysaccharide (LPS)-induced vascular inflammation, a <i>P2Y6</i> antagonist lowered levels of a proinflammatory neutrophil cytokine in serum compared with vehicle control. In <i>P2y6</i> -deficient mice injected with LPS, serum levels of proinflammatory factors were lower than those in wild-type controls. Next steps include studying the role of <i>P2Y6</i> signaling in ventilator-induced lung injury.	Work unpatented; licensing status not applicable	Riegel, A.-K. <i>et al. Blood</i> ; published online Dec. 20, 2010; doi:10.1182/blood-2010-10-313957 Contact: Holger K. Eltzschig, University of Colorado Denver, Aurora, Colo. e-mail: holger.eltzschig@ucdenver.edu
SciBX 4(3); doi:10.1038/scibx.2011.76 Published online Jan. 20, 2011				