

### This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
<b>Infectious disease</b>				
HIV/AIDS	Pannexin 1 (PNX1); purinergic receptor P2Y G protein-coupled 2 (P2RY2; P2Y2); protein tyrosine kinase 2 $\beta$ (PTK2B; PYK2)	Cell culture studies suggest inhibiting purinergic receptors could help treat HIV-1 infection. In human cells, depletion of PNX1, ATP, P2Y2 or PYK2 decreased infection by both standard and drug-resistant strains of HIV-1. Next steps include validating the results in a nonhuman primate model of HIV-1.  <i>SciBX</i> 4(35); doi:10.1038/scibx.2011.992 Published online Sept. 8, 2011	Patent application filed; available for licensing	Séror, C. <i>et al. J. Exp. Med.</i> ; published online Aug. 22, 2011; doi:10.1084/jem.20101805 <b>Contact:</b> Guido Kroemer, Gustave Roussy Institute, Villejuif, France e-mail: <a href="mailto:kroemer@orange.fr">kroemer@orange.fr</a> <b>Contact:</b> Jean-Luc Perfettini, same affiliation as above e-mail: <a href="mailto:perfettini@orange.fr">perfettini@orange.fr</a>