

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Inflammation	Cytosolic phospholipase A ₂ α (PLA ₂ G4A; cPLA ₂ α)	A series of hydrophilic PLA ₂ G4A inhibitor derivatives may improve treatment of inflammatory diseases. A series of previously reported indole-derived PLA ₂ G4A inhibitors were modified to increase their polarity and showed better activity than the parent compounds. In a rat carrageenan paw edema model of inflammation, several of the modified compounds inhibited paw swelling with comparable efficacy to naproxen. Next steps could include further animal studies to determine efficacy improvements over existing inhibitors.	Patent and licensing status unavailable	Chen, L. <i>et al. J. Med. Chem.</i> ; published online Jan. 30, 2009; doi:10.1021/jm8009876 Contact: John C. McKew, Wyeth Research, Cambridge, Mass. e-mail: jmckew@wyeth.com
		SciBX 2(7); doi:10.1038/scibx.2009.288 Published online Feb. 19, 2009		