This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Autoimmune disease				
Autoimmune disease	ζ-Chain (TCR) associated protein kinase 70kDa (ZAP70)	Cell culture studies suggest that inhibiting ZAP70 could help treat autoimmune disease. In mouse Cd4 ⁺ T cells, a Zap70 inhibitor decreased activation and proliferation of proinflammatory T cells compared with vehicle control. In modified Cd8 ⁺ T cells from the same mice, the inhibitor prevented cytokine production and memory responses compared with a vehicle control. Next steps include investigating the effects of Zap70 inhibition in mouse models of arthritis and multiple sclerosis (MS).	Unpatented; mouse model available for licensing	Au-Yeung, B.B. <i>et al. Nat. Immunol.</i> ; published online Oct. 31, 2010; doi:10.1038/ni.1955 Contact: Arthur Weiss, University of California, San Francisco, Calif. e-mail: aweiss@medicine.ucsf.edu
SciBX 3(44); doi:10.1038/scibx.2010.1315 Published online Nov. 11, 2010				