This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Autoimmune disease				
Rheumatoid arthritis (RA)	c-Jun N-terminal kinase 1 (JNK1; MAPK8)	Studies in mice suggest that inhibiting JNK1 could help treat RA. In a mouse model of RA, <i>Jnk1</i> deficiency led to less severe disease than that in wild-type and <i>Jnk2</i> -deficient controls. In the same mouse model, a JNK-inhibiting peptide decreased symptom severity compared with a control peptide. Next steps include evaluating JNK1 inhibition in additional mouse models of arthritis. SciBX 4(1); doi:10.1038/scibx.2011.6 Published online Jan. 6, 2011	Unpatented; licensing status not applicable	Guma, M. <i>et al.</i> <i>Proc. Natl. Acad. Sci. USA</i> ; published online Dec. 6, 2010; doi:10.1073/pnas.1016401107 Contact: Maripat Corr, University of California, San Diego, La Jolla, Calif. e-mail: mpcorr@ucsd.edu Contact: Michael Karin, same affiliation as above e-mail: mkarin@ucsd.edu