This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Squamous cell carcinoma (SCC); basal cell carcinoma (BCC)	Jun (AP1) proto-oncogene	Mouse studies identified a Jun mRNA–targeting DNzyme that could help treat SCC and BCC. DNzymes are single-stranded DNA molecules that bind to and cleave RNA molecules. In mouse models of SCC and BCC, intratumoral delivery of a Jun mRNA–targeting DNzyme blocked tumor angiogenesis and decreased tumor growth compared with delivery of vehicle. Next steps could include optimizing the identified DNzyme for topical delivery. <i>SciBX</i> 5(28); doi:10.1038/scibx.2012.727 Published online July 19, 2012	Patent and licensing status unavailable	Cai, H. <i>et al. Sci. Transl. Med.</i>; published online June 20, 2012; doi:10.1126/scitranslmed.3003960 Contact: Levon M. Khachigian, The University of New South Wales, Sydney, New South Wales, Australia e-mail: l.khachigian@unsw.edu.au