This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Dermatology				
Wounds	Platelet derived growth factor B chain (PDGFB); integrin $\alpha_5\beta_1$	<p>A lipopeptide-plasmid complex delivery system may be useful as a single-dose, nonviral gene therapy approach to treat chronic wounds.</p> <p>In a diabetic rat model of chronic wound, an integrin $\alpha_5\beta_1$ receptor-targeting Arg-Gly-Asp-Lys (RGDK) lipopeptide-rhPDGFB complex significantly increased the rate of wound healing compared with the effect of using a complex containing a control lipopeptide or an uncomplexed RGDK lipopeptide ($p < 0.01$ for both). Next steps include evaluating the systemic potential of the <i>RGDK-rhPDGFB</i> gene complex in humans.</p> <p>SciBX 2(15); doi:10.1038/scibx.2009.621 Published online April 16, 2009</p>	Patent and licensing status undisclosed	<p>Bhattacharyya, J. <i>et al. Mol. Pharm.</i>; published online April 2, 2009; doi:10.1021/mp800231z</p> <p>Contact: Arabinda Chaudhuri, Indian Council of Medical Research, Hyderabad, India e-mail: arabinda@iict.res.in</p>