This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Dermatology				
Wounds; hair loss	Septin 4 (SEPT4; ARTS)	<i>In vitro</i> and mouse studies suggest inhibiting SEPT4 could help treat wounds and promote hair follicle regeneration. In <i>Sept4</i> knockout mice, skin tissue showed higher progenitor cell numbers, including hair follicle stem cells, than tissue from wild-type animals. <i>Sept4</i> knockout mice showed faster wound healing and hair follicle regeneration than wild-type controls. Next steps include creating SEPT4 antagonists and determining whether SEPT4 inhibition increases cancer risk. <i>SciBX</i> 6(28); doi:10.1038/scibx.2013.721 Published online July 25, 2013	Findings unpatented; mouse models available for licensing	Fuchs, Y. <i>et al. Science</i> ; published online June 20, 2013; doi:10.1126/science.1233029 Contact: Hermann Steller, The Rockefeller University, New York, N.Y. e-mail: steller@rockefeller.edu Contact: Elaine Fuchs, same affiliation as above e-mail: fuchslb@rockefeller.edu