This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Autoimmune disease				
Psoriasis	ADAM15	<i>In vitro</i> and mouse studies suggest that nonviral gene therapy with an ADAM15 fragment could reduce angiogenesis and help treat psoriasis. In endothelial scratch-wound assays, a recombinant ADAM15 fragment decreased proangiogenic cell migration compared with no treatment. In three different mouse models of psoriasis, plasmid delivery of an <i>Adam15</i> fragment using electroporation led to lower cutaneous vascularization, blood flow and clinical psoriasis scores than delivery of control plasmid. Next steps include investigating additional routes of delivery for the gene therapy in animal models of psoriasis and other diseases.	Patent applications filed covering findings; licensing status undisclosed	Zibert, J.R. <i>et al. J. Clin. Invest.</i> ; published online Dec. 6, 2010; doi:10.1172/JCI41295 Contact: Michael P. Schön, Georg August University, Goettingen, Germany e-mail: michael.schoen@med.uni-goettingen.de
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