This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Cartilage matrix protein matrilin 1 (MATN-1; CMP)	<i>In vitro</i> , chick embryo and mouse studies suggest MATN-1 could help treat cancer by inhibiting angiogenesis. <i>In vitro</i> , recombinant human MATN-1 inhibited endothelial cell proliferation with an IC ₅₀ value of about 75 nM and inhibited endothelial cell migration with an IC ₅₀ value of about 10 nM. In a chick embryo-based model of angiogenesis, human MATN-1 decreased neovascularization compared with vehicle. In a mouse model of fracture healing, <i>Matn-1</i> knockout mice healed faster than wild-type mice. Next steps could include testing MATN-1 in mouse models of cancer.	Patent and licensing status undisclosed	Foradori, M.J. <i>et al. J. Biol. Chem.</i> ; published online April 1, 2014; doi:10.1074/jbc.M113.529982 Contact: Marsha A. Moses, Boston Children's Hospital, Boston, Mass. e-mail: marsha.moses@childrens.harvard.edu
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