This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Hematology				
Anemia	IgA	<p><i>In vitro</i> and mouse studies suggest IgA could help treat anemia. In erythroid cells cultured under anemic conditions, a polymeric IgA (pIgA) increased growth and proliferation compared with a control IgG. In transgenic mice expressing human IgA, erythroblast numbers were greater than those in littermate controls. In a mouse model of anemia, expression of human IgA or treatment with pIgA accelerated recovery from acute anemia compared with no IgA expression or saline treatment. Next steps include testing i.v. IgA in monkeys and humans.</p> <p>SciBX 4(44); doi:10.1038/scibx.2011.1236 Published online Nov. 10, 2011</p>	Findings unpatented; available for licensing	<p>Coulon, S. <i>et al. Nat. Med.</i>; published online Oct. 23, 2011; doi:10.1038/nm.2462 Contact: Ivan C. Moura, Institut National de la Santé et de la Recherche Médicale (INSERM) U699, Paris, France e-mail: ivan.moura@inserm.fr Contact: Renato C. Monteiro, same affiliation as above e-mail: renato.monteiro@inserm.fr Contact: Olivier Hermine, University Paris Descartes and Necker Hospital for Sick Children, Paris, France e-mail: olivier.hermine@nck.aphp.fr</p>