This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Thrombosis	Polyphosphate	<p><i>In vitro</i> and mouse studies identified inhibitors of polyphosphate that could help prevent thrombosis. In <i>in vitro</i> assays, polyphosphate inhibitors blocked the interaction between thrombin and polyphosphate and doubled the clotting times in human plasma compared with no inhibitor. In mouse models of venous and arterial thrombosis, the inhibitors prevented platelet and fibrin accumulation in the developing thrombi. Next steps include using this approach to identify a therapeutic candidate.</p> <p>SciBX 5(38); doi:10.1038/scibx.2012.1003 Published online Sept. 27, 2012</p>	Patent applications filed covering polyphosphate and its effects on hemostasis, thrombosis and inflammation; available for licensing	<p>Smith, S.A. <i>et al. Blood</i>; published online Sept. 11, 2012; doi:10.1182/blood-2012-07-444935 Contact: James H. Morrissey, University of Illinois at Urbana-Champaign, Urbana, Ill. e-mail: jhmorris@illinois.edu</p>