

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Various				
Autoimmune; infectious	Complement receptor 2 (CR2); complement 3 (C3)	<p>The crystal structure of CR2 bound to a degradation product of C3 (C3d) could guide the design of C3d mimic-based vaccine adjuvants to treat infectious diseases and C3d antagonists to treat autoimmune diseases. The crystal structure of the CR2-C3d complex showed that the short consensus repeat domains of CR2 bind the acidic pocket on the surface of C3d. Next steps could include using the structure to aid design of inhibitors or mimics.</p> <p>SciBX 4(18); doi:10.1038/scibx.2011.522 Published online May 5, 2011</p>	Unpatented; licensing status not applicable	<p>van den Elsen, J.M.H. & Isenman, D.E. <i>Science</i>; published online April 29, 2011; doi:10.1126/science.1201954</p> <p>Contact: David E. Isenman, University of Toronto, Toronto, Ontario, Canada e-mail: d.isenman@utoronto.ca</p> <p>Contact: Jean M.H. van den Elsen, University of Bath, Bath, U.K. e-mail: bssjmhve@bath.ac.uk</p>