This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Inflammation	Histamine H4 receptor (HRH4; H4)	<i>In vitro</i> and rat studies identified HRH4 agonists that could help treat inflammation. Optimization of quinazoline heterocycle scaffolds carrying sulfonamide substitutions led to analogs with high affinity for HRH4. In rats, subcutaneous administration of one of the analogs reduced inflammation compared with administration of vehicle. Next steps could include testing the compounds in other animal models of inflammation or allergy. SciBX 3(12); doi:10.1038/scibx.2010.381 Published online March 25, 2010	Patent and licensing status unavailable	Smits, R. <i>et al. J. Med. Chem.</i> ; published online March 1, 2010; doi:10.1021/jm901379s Contact: Iwan J.P. de Esch, Free University of Amsterdam, Amsterdam, the Netherlands e-mail: ideesch@few.vu.nl