This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Pseudomonas	Transcriptional regulator LasR	<i>In vitro</i> studies identified probes that inhibit <i>Pseudomonas aeruginosa</i> quorum sensing to help treat the infection. The probes targeted the binding site of LasR and inhibited the binding of LasR's natural ligand 3-oxo-C ₁₂ -HSL. Inhibition assays showed that the probes disrupted the secretion of <i>P. aeruginosa</i> virulence factors and the formation of bacterial biofilms. Next steps could include testing the probes in animal models of infection.	Patent and licensing status unavailable	Amara, N. <i>et al.</i> <i>J. Am. Chem. Soc.</i> ; published online July 8, 2009; doi:10.1021/ja903292v Contact: Michael M. Meijler, Ben-Gurion University of the Negev, Be'er Sheva, Israel e-mail: meijler@bgu.ac.il
SciBX 2(29); doi:10.1038/scibx.2009.1150 Published online July 30, 2009				