This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Sepsis	Toll-like receptor 2 (TLR2); TLR4	<i>In vitro</i> and mouse studies suggest that the nematode-secreted immunomodulator ES-62 could help treat septic shock. In human neutrophils and macrophages, ES-62 blocked TLR-driven inflammatory responses compared with vehicle control. In two mouse models of sepsis, pretreatment with ES-62 protected against death compared with saline control pretreatment. Next steps include developing small molecule mimics of ES-62.	Findings covered by patent applications; licensing status undisclosed	Puneet, P. <i>et al. Nat. Immunol.</i> ; published online Feb. 27, 2011; doi:10.1038/ni.2004 Contact: Alirio J. Melendez, University of Liverpool, Liverpool, U.K. e-mail: a.melendez-romero@liv.ac.uk
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