SciBX
Science-Business eXchange

THE DISTILLERY

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Pneumonia; staphylococcus	ADAM10	Mouse studies suggest inhibiting the α-hemolysin receptor ADAM10 could help treat staphylococcal pneumonia. In mice, α-hemolysin-deficient *Staphylococcus aureus* caused less pulmonary histopathology than a wild-type *S. aureus* strain. In a model of lethal *S. aureus* pneumonia, Adam10 knockout mice had decreased lung histopathology compared with wild-type littermates. Next steps include identifying additional targets that could help treat or prevent *S. aureus* α-hemolysin-mediated disease. *SciBX* 4(37); doi:10.1038/scibx.2011.1045 Published online Sept. 22, 2011	Patent applications filed covering targeting of α-hemolysin-mediated processes; available for licensing from The University of Chicago Office of Technology and Intellectual Property	Inoshima, I. *et al. Nat. Med.*; published online Sept. 18, 2011; doi:10.1038/nm.2451 **Contact:** Juliane Bubeck Wardenburg, The University of Chicago, Chicago, Ill. e-mail: jbubeckw@peds.bsd.uchicago.edu