

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Fungal infections	C-type lectin domain family 7 member A (CLEC7A; DECTIN1)	Genetic studies identified a mutation in <i>DECTIN1</i> that could help predict susceptibility to recurrent mucocutaneous fungal infections. A mutation in <i>DECTIN1</i> was present in four related women with recurrent vulvovaginal candidiasis or onychomycosis but not in unaffected individuals. In the women, the mutation led to decreased levels of DECTIN1—a β -glucan receptor—and defective cytokine production. Next steps could include confirming the findings in additional individuals.	Patent and licensing status unavailable	Ferwerda, B. <i>et al. N. Engl. J. Med.</i> ; published online Oct. 29, 2009; doi:10.1056/NEJMoa0901053 Contact: Mihai G. Netea, Radboud University, Nijmegen, the Netherlands e-mail: m.netea@aig.umcn.nl
		SciBX 2(45); doi:10.1038/scibx.2009.1666 Published online Nov. 19, 2009		