

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Candida	<i>Candida albicans</i> similar to SIR2 family of putative histone deacetylases (HST3)	<i>In vitro</i> and mouse studies suggest that inhibiting HST3 could help treat <i>Candida albicans</i> infection. In cultured <i>C. albicans</i> , the HST3 inhibitor nicotinamide decreased yeast growth compared with no treatment. In a mouse model of <i>C. albicans</i> infection, nicotinamide significantly reduced yeast colonization of the kidneys compared with no treatment ($p < 0.0001$). Next steps include screening for small molecule inhibitors of HST3. SciBX 3(28); doi:10.1038/scibx.2010.864 Published online July 22, 2010	Unpatented; licensing status not applicable	Wurtele, H. <i>et al. Nat. Med.</i> ; published online July 4, 2010; doi:10.1038/nm.2175 Contact: Alain Verreault, University of Montreal, Montreal, Quebec, Canada e-mail: alain.verreault@umontreal.ca Contact: Martine Raymond, same affiliation as above e-mail: martine.raymond@umontreal.ca