

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Hepatic disease</b>				
Liver disease	<i>Serpin peptidase inhibitor, clade A (SERPINA1)</i>	<p>Studies in patients suggest an allele of the <i>SERPINA1</i> gene could help identify cystic fibrosis (CF) patients at risk of developing CF-associated liver disease. Genetic polymorphism studies identified a Z allele variant (G4627A) in <i>SERPINA1</i> that was significantly associated with CF-associated liver disease (<math>p=1.5 \times 10^{-8}</math>). Next steps include studying the functional relevance of the <i>SERPINA1</i> risk allele in CF patients.</p> <p><b>SciBX 2(38); doi:10.1038/scibx.2009.1441</b>  <b>Published online Oct. 1, 2009</b></p>	Work unpatented; licensing status not applicable	<p>Bartlett, J.R. <i>et al. JAMA</i>; published online Sept. 8, 2009;            doi:10.1001/jama.2009.1295  <b>Contact:</b> Michael R. Knowles, The University of North Carolina at Chapel Hill, Chapel Hill, N.C.            e-mail:  <a href="mailto:knowles@med.unc.edu">knowles@med.unc.edu</a></p>