This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
HBV; HDV	Solute carrier family 10 sodium/bile acid cotransporter family member 1 (SLC10A1)	<i>In vitro</i> and cell culture studies suggest antagonizing SLC10A1 on host cells could help prevent HBV and HDV infection. <i>In vitro</i> mass spectrometry analysis and interaction studies showed that SLC10A1 bound to the envelope proteins of HBV and HDV. In cultured hepatocytes, small interfering RNA-mediated knockdown of <i>SLC10A1</i> decreased HBV and HDV infection compared with no knockdown. In an immortalized hepatocyte cell line that normally cannot be infected with HBV or HDV, expression of <i>SLC10A1</i> permitted viral infection. Next steps could include using SLC10A-expressing cell lines to screen for anti-HBV or anti-HDV prophylactics.	Patent and licensing status unavailable	Yan, H. <i>et al. eLife</i> ; published online Nov. 13, 2012; doi:10.7554/eLife.00049 Contact: Wenhui Li, National Institute of Biological Sciences, Beijing, China e-mail: liwenhui@nibs.ac.cn
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