This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Renal disease				
Renal disease	<i>Cystatin C (CST3); CST9; glycine amidinotransferase (GATM); shroom family member 3 (SHROOM3); spermatogenesis associated 5-like 1 (SPATA5L1); uromodulin (UMOD)</i>	<p>A genomewide association study identified several SNPs that could be useful for predicting susceptibility to chronic kidney disease (CKD). A meta-analysis of four datasets revealed that SNP rs12917707 near <i>UMOD</i> was significantly associated with risk for CKD ($p=2.8 \times 10^{-9}$). Additional associations with the renal function markers serum creatinine and <i>CST3</i> were found for seven SNPs in or near <i>CST3</i>, <i>CST9</i>, <i>SHROOM3</i> and <i>SPATA5L1-GATM</i> ($p < 4 \times 10^{-7}$ for all). Next steps could include studying the functional significance of the identified protein targets.</p> <p>SciBX 2(22); doi:10.1038/scibx.2009.922 Published online June 4, 2009</p>	Patent and licensing status unavailable	<p>Köttgen, I. <i>et al. Nat. Genet.</i>; published online May 10, 2009; doi:10.1038/ng.377</p> <p>Contact: Caroline S. Fox, National Heart, Lung, and Blood Institute, Framingham Heart Study, Framingham, Mass. e-mail: foxca@nhlbi.nih.gov</p> <p>Contact: Michael G. Shlipak, University of California, San Francisco, Calif. e-mail: michael.shlipak@ucsf.edu</p> <p>Contact: Josef Coresh, The Johns Hopkins University, Baltimore, Md. e-mail: coresh@jhu.edu</p> <p>Contact: Jacqueline C. Witteman, Erasmus Medical Center, Rotterdam, the Netherlands e-mail: j.witteman@erasmusmc.nl</p>