This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Hypertension	<i>Postmeiotic segregation increased 1 (PMS1); solute carrier family 24 sodium/potassium/calcium exchanger member 4 (SLC24A4); tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, ζ-polypeptide (YWHAZ); importin 7 (IPO7); calcium channel voltage-dependent T type-α 1H subunit (CACNA1H; Cav3.2)</i>	Genomewide association studies identified genetic variants associated with hypertension in African-Americans that could help predict risk for the condition. SNPs in or near <i>PMS1</i> , <i>SLC24A4</i> , <i>YWHAZ</i> , <i>IPO7</i> and <i>CACNA1H</i> were identified as significantly associated with systolic blood pressure levels. Next steps include confirming the susceptibility regions and determining whether they apply to other populations as well. SciBX 2(29); doi:10.1038/scibx.2009.1148 Published online July 30, 2009	Patent and licensing status unavailable	Adebowale, A. <i>et al. PLoS Genet.</i> ; published online July 17, 2009; doi:10.1371/journal.pgen.1000564 Contact: Charles Rotimi, National Institutes of Health, Bethesda, Md. e-mail: rotimic@mail.nih.gov Contact: Adebowale Adeyemo, same affiliation as above e-mail: adeyemoa@mail.nih.gov