

### This week in therapeutics

| Indication                    | Target/marker/pathway                                      | Summary  | Licensing status | Publication and contact information   |
|-------------------------------|--|--|------------------|---|
| <b>Cardiovascular disease</b> |  |  |                  |   |
| Cardiovascular disease        | Chromosomal regions 1p13, 19p13, 1q42, 7q11, 8q24 and 1p31 | A meta-analysis of genome-wide association data from 3 studies enrolling 8,816 individuals identified 6 new genomic loci that were associated with lipoprotein metabolism and might therefore be cardiovascular disease targets. Two loci (1p13 and 19p13) were significantly associated with low-density lipoprotein concentration; one locus (1q42) with high-density lipoprotein concentration; and five loci (7q11, 8q24, 1q42, 19p13 and 1p31) with triglyceride concentration ( $p < 5 \times 10^{-8}$ for each new locus). Next steps include determining whether allelic variation at any of the loci is significantly associated with risk of cardiovascular disease. | Not applicable   | Kathiresan, S. et al. Nat. Genet.; published online Jan. 13, 2008; doi:10.1038/ng.75<br><b>Contact:</b> Sekar Kathiresan, Broad Institute and Harvard Medical School, Boston, Mass.<br>e-mail: <a href="mailto:skathiresan@partners.org">skathiresan@partners.org</a> |