

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Neurology</b>				
Schizophrenia	Chromosomal loci 22q11.2, 15q13.3 and 1q21.1	<p>A genome-wide association study identified chromosomal variants that might help diagnose risk for schizophrenia. A survey of 3,391 subjects with schizophrenia and 3,181 ancestry-matched controls showed more gene copy-number variants across the entire genome in those with schizophrenia (<math>p=3 \times 10^{-5}</math>). Chromosomal loci 22q11.2, 15q13.3 and 1q21.1 each contained copy number variants associated with schizophrenia. Next steps include identifying more genetic links to schizophrenia and determining causal relationships between the genetic variants and schizophrenia-related phenotypes in nerve cells, nerve circuits and brains.</p> <p>Curidium Medica plc is developing a blood diagnostic test for schizophrenia based on gene expression levels using its Homomatrix gene recognition technology.</p>	Not patented; unavailable for licensing	<p>Stone, J. <i>et al. Nature</i>; published online July 30, 2008; doi:10.1038/nature07239</p> <p><b>Contact:</b> Pamela Sklar, The International Schizophrenia Consortium, Massachusetts General Hospital, Boston, Mass. e-mail: <a href="mailto:sklar@chgr.mgh.harvard.edu">sklar@chgr.mgh.harvard.edu</a></p>