

## Genomics is as important as the discovery of antibiotics

The researcher behind Australia's acquisition of a breakthrough DNA sequencing machine said genomics could have as significant an impact on health as antibiotics.

The human genome – a complete genetic blueprint – includes billions of chemical base pairs, which form human DNA.

US technology company Illumina announced it had broken the “sound barrier” of genomics with a machine capable of generating a human genome for \$US1000 (\$1100) – one-millionth of the \$1 billion price of the first human genome in 2003.

The Garvan Institute of Medical Research is among the first three organisations worldwide to receive the \$10 million machine. The others are the Broad Institute, a collaboration of Harvard University and Massachusetts Institute of Technology, and Seoul-based genomics company Macrogen.

**Read the full, original story: DNA sequencing ‘to be commonplace’**