

TECHNOLOGIES

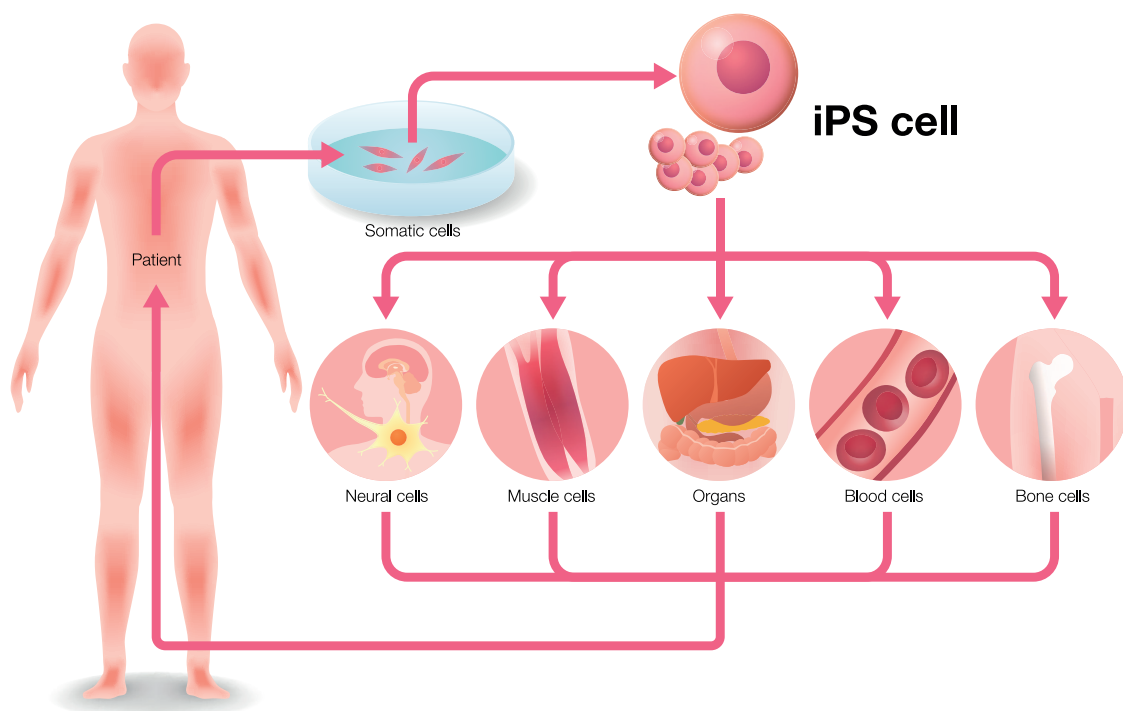
ADVANTAGES

Offers you complete **CONFIDENCE** in the background of your cell lines allowing for easy screening for genetic variants.

- HipSci lines are highly characterised with genomic, proteomic, and phenotypic data.
- Characterisation data is open access and freely available.
- Donor consent expressly allows for commercial exploitation.

TECHNOLOGY

- 150+ cell lines derived from phenotypically healthy donors as part of the Human Pluripotent Stem Cell Initiative (HipSci) www.hipsci.org
- Characterisation includes genotyping arrays, expression arrays, methylation arrays, RNA-seq, Exome-seq, proteomic mass-specrometry, whole genome sequencing, and high content cellular phenotyping.
- HipSci founders are global leaders in the stem cell and genomics fields.
- The Wellcome Sanger Institute is offering non-exclusive licenses on these cell lines.



HipSci™ LINES: HIGHLY CHARACTERISED HUMAN INDUCED PLURIPOTENT STEM CELLS

TECHNOLOGIES

APPLICATIONS

Potential applications include:

- Development of platforms for drug screening
- Disease modelling
- Research in regenerative medicine technologies

PUBLICATIONS

1. *Common genetic variation drives molecular heterogeneity in human iPSCs.*

www.ncbi.nlm.nih.gov/pubmed/28489815

2. *Molecular and functional variation in iPSC-derived sensory neurons.*

www.ncbi.nlm.nih.gov/pubmed/29229984

CONTACT

Dr Mariya K. Chhatriwala
Business Development Associate
E: mc18@sanger.ac.uk

