

CENSUS

BIOLOGICAL TECHNOLOGIES

Drug discovery with human cells



Contact

E: enquiries@censobio.com
T: +44 (0) 131 514 0880
W: www.censobio.com

Censo Biotechnologies Ltd
Babraham site:
Babraham Research Campus
B260 Meditrina
Cambridge
CB22 3AT

Edinburgh site:
Roslin Innovation Centre
Charnock Bradley Building
Easter Bush Campus
Midlothian
EH25 9RG

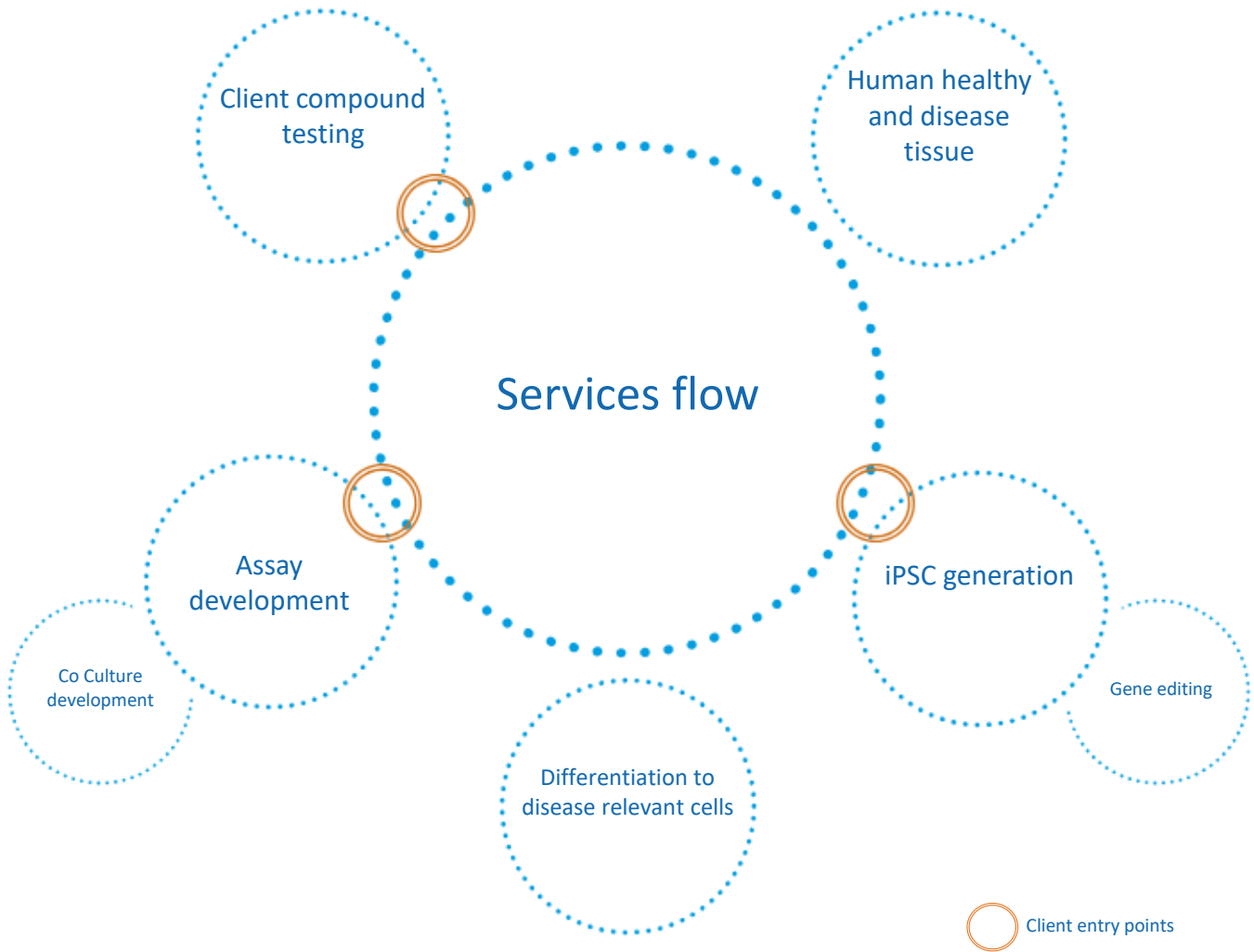
About

Censo Biotechnologies Ltd is a leader in stem cell technology, providing human cells and ground breaking contract research services for drug discovery and disease modelling.

The company offers access to a diverse range of existing human iPSC lines, and ethically sources relevant human tissue, both healthy and with disease specific mutations, with which to custom generate new iPSC lines from large cohorts of individuals.

We can gene edit these lines to knock in, knock out or correct target genes of interest, and have developed reproducible differentiation protocols for a number of lineages, including microglia, astrocytes, cortical, and sensory neurons.

Using these cells, we offer both customised and standard phenotypic assays to deliver disease relevant compound characterisation, providing new insights and functional disease related understanding of our clients compounds, for neurodegenerative and neuro-inflammatory diseases, and generating novel data on drug efficacy and drug response variation across a given population.



Human healthy and disease tissue procurement

- Ethical donor recruitment.
- Existing network in CNS and rare disease.

iPSC generation

- Large scale iPSC generation.
- Multiple reprogramming methodologies.
- Extensive quality control.
- Gene editing.
- Astrocytes, sensory neurons, neuronal progenitors, cortical neurons, microglia, dendritic cells, and tissue resident macrophage.

Differentiation to disease relevant cells

- Multiple cell types.
- Neuro-inflammation and neurodegeneration.
- Pain.
- Robust and reproducible across multiple health and diseased iPSC lines.

Assay development

- Phenotypic assay development.
- Client project specific.
- Wide range of assay technologies.

Client compound testing