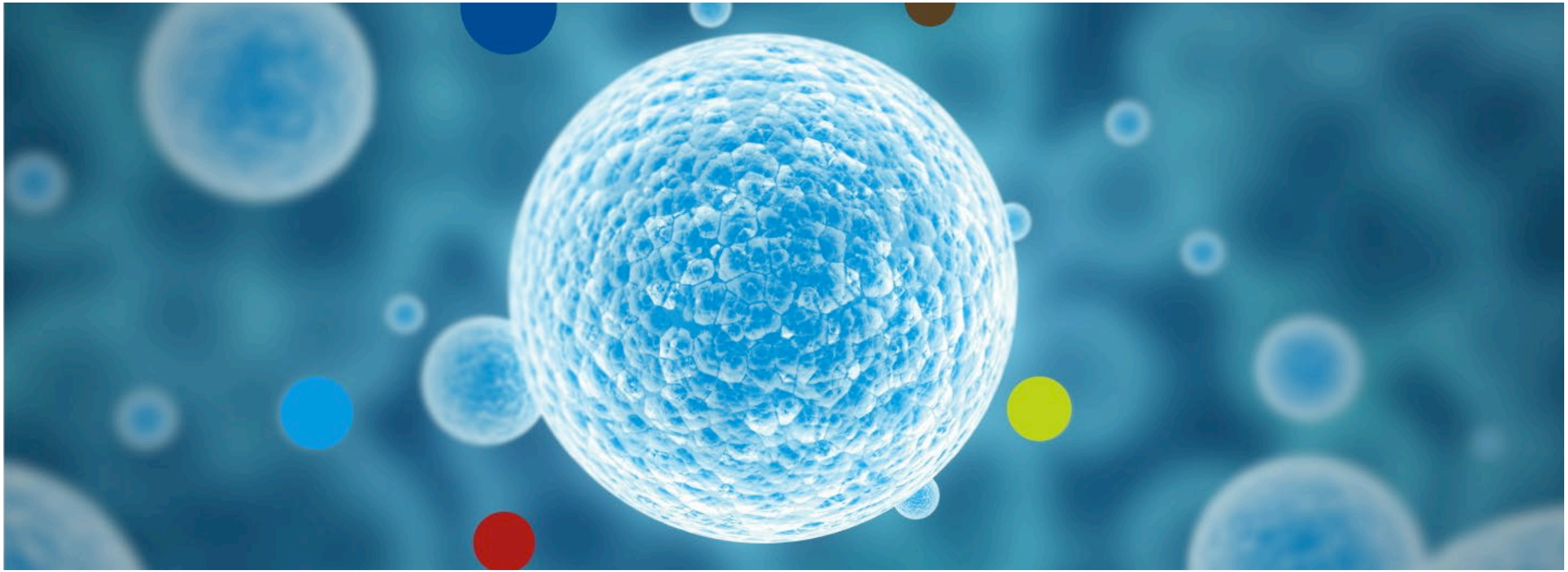
A sustainable European Bank for induced pluripotent Stem Cells

EBiSC™



The EBiSC has received support from the Innovative Medicines Initiative (IMI) Joint Undertaking (JU) under grant agreement n°115582 and from the IMI-2 JU under grant agreement No 821362, resources of which are composed of financial contribution from the European Union's Seventh Framework Programme (FP7/2007-2013), European Union's Horizon 2020 research and innovation programme and EFPIA.

efpia

imi innovative medicines initiative

Open Research Conference

Edinburgh, 29th May 2024

EBiSC: Making iPSCs ‚FFAIR‘

Speaker: Rachel Steeg, Fraunhofer UK

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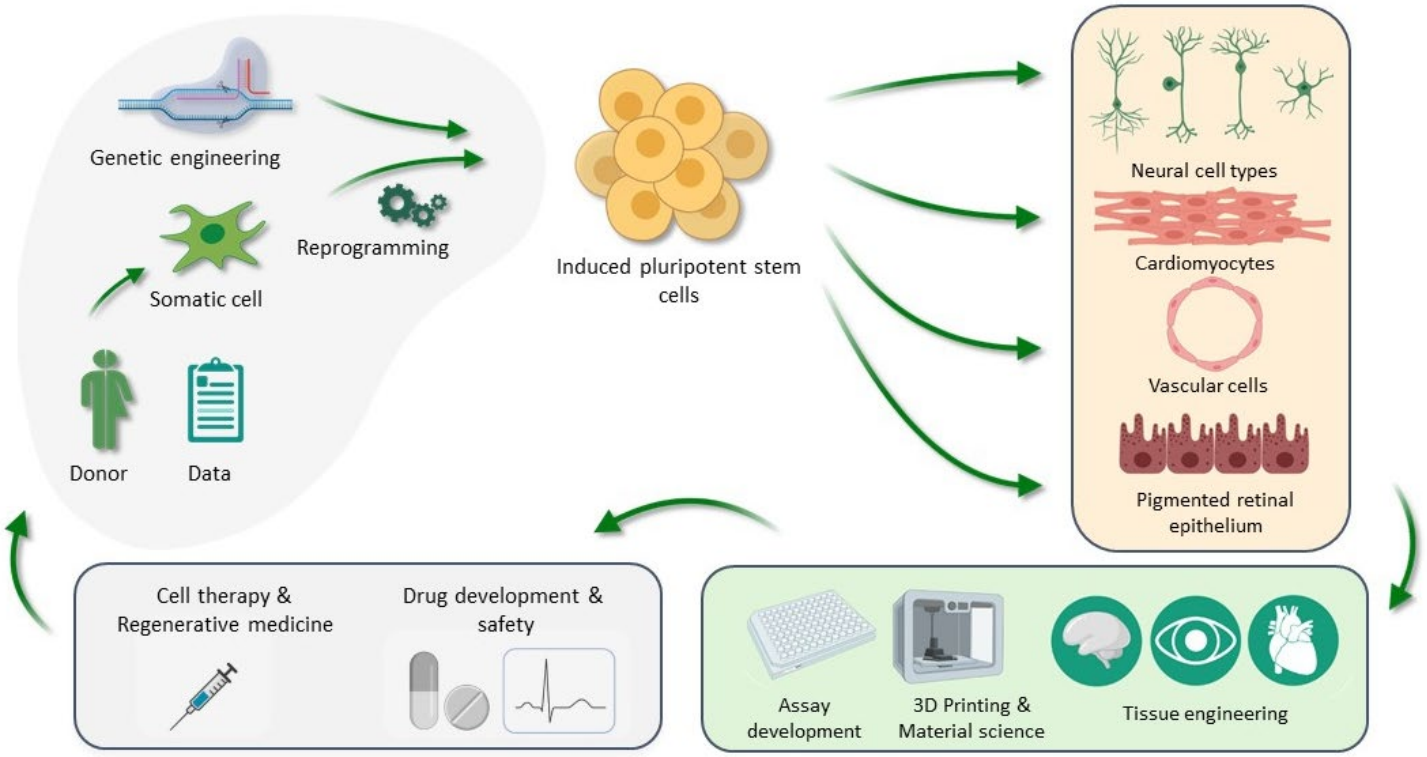
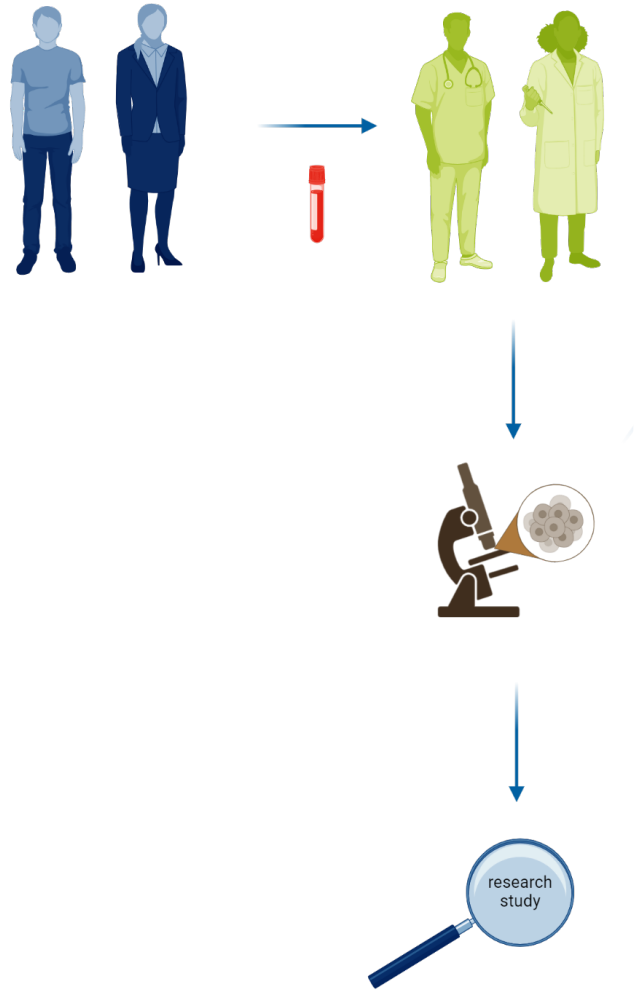
Induced Pluripotent Stem Cells (iPSCs)

- iPSCs are:
  - made from donated samples like blood or skin
  - generated under clear and fully informed consent
  - obtained from known disease / genetic backgrounds
- iPSCs can be used:
  - to make specific cell types e.g. neurons
  - to research diseases and basic biology



The European Bank of iPSCs: Making iPSCs ‘FFAIR’



The European Bank of iPSCs: Making iPSCs ‘FFAIR’

Findable
Accessible
Interoperable
Reusable

Freedom to operate
Findable
Accessible
Identifiable
Reusable

The European Bank of iPSCs: Making iPSCs ‘FFAIR’

Open access tools!

‘FFAIR’ cells

F **Freedom to operate**
Full provenance of cell line history including licensing.

F **Findable**
Listed on open and searchable catalogue.

A **Accessible**
Can be accessed by other research groups, including commercial.

I **Identifiable**
Use of standardised and traceable cell line identifiers.

R **Reproducible**
Comparison and aggregation of data through accessibility.

A sustainable European Bank for induced pluripotent Stem Cells

Thank you for your attention!

Get in touch:

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