The Human Induced Pluripotent Stem Cell Initiative (HipSci) is establishing a large catalogue of human iPSC lines, arguably the most well characterized collection to date. The HipSci portal enables researchers to choose the right cell line for their experiment, and makes HipSci's rich catalogue of assay data easy to discover and reuse. HipSci aims to ensure that all cell lines have genomic, transcriptomic, proteomic and cellular phenotyping data. Data are deposited in the appropriate EMBL-EBI archives, including ENA, EGA, ArrayExpress and PRIDE databases.

This webinar will give a description of the project, the cell lines we are creating, and the assay data we are putting into the public domain. We will explain how to 1) search and discover our available cell lines 2) obtain our cell lines for your research 3) discover and download HipSci's genomic and proteomic assay data from the EMBL-EBI archives 4) differentiate between our open-access and managed-access data sets, and 5) apply for access to the data, where necessary.

This webinar was recorded on 22nd March 2017. It is best viewed in full screen mode using Google Chrome. The slides from this webinar can be downloaded below.

See the EMBL-EBI training pages for a list of upcoming webinars [2].

This webinar is aimed at scientists with an interest in learning more about the HipSci project.

Learning objectives:

- Describe the HipSci project
- Browse available cell lines
- Access open and managed access datasets

Your feedback

Please tell us what you thought about this webinar. Your feedback is invaluable and helps us to improve our courses and thus enhance your learning experience.

Contributors
Ian Streeter
EMBL-EBI
Scientific Programmer - Resequencing Informatics - Cochrane team: European Nucleotide Archive

Source URL: https://www.ebi.ac.uk/training/online/course/hipsci-uk-national-ips-cell-resource-webinar

Links
[1] https://www.ebi.ac.uk/training/online/trainers/streeter_11595