Large Scale Gene Function Discovery to Support Human Health: The International Mouse Phenotyping Consortium (IMPC)

Terry Meehan [1]

- DNA & RNA
- Systems
- Cross-domain
- Beginner
- 0.5 hour

The International Mouse Phenotyping Consortium (IMPC) is a G7-recognised global research infrastructure that is coordinating the global production of a knockout mouse gene for every protein coding gene. The mice are characterised in a standardised, broad-based phenotyping pipeline giving insights into function for genes for which very little is known. With new phenotype data freely available for over 3000 genes, this webinar will discuss some of the exciting discoveries in genetic disease, development and sexual dimorphism that biologists and clinical researchers are making using IMPC resources. The webinar will include how to access the complex phenotype and image data through the IMPC website [2].

This webinar was took place on 3rd May 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 [3].

Learning objectives:

- Describe the goals of the IMPC
- Identify types of phenotype data available through the IMPC
- Explore phenotype data on the IMPC website

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
**Terry Meehan [1]**

EMBL-EBI
Project co-Leader, Mouse Informatics - Parkinson team: Samples, Phenotypes and Ontologies

**Source URL:** https://www.ebi.ac.uk/training/online/course/large-scale-gene-function-discovery-support-human-health-international-mouse-phenotyping

**Links**
[1] https://www.ebi.ac.uk/training/online/trainers/tmeehan
[3] https://www.ebi.ac.uk/training/webinars