

Tutorial Genomic variant interpretation & prioritisation for clinical research

ISMB/ECCB 2025

20 July 2025
Liverpool, UK

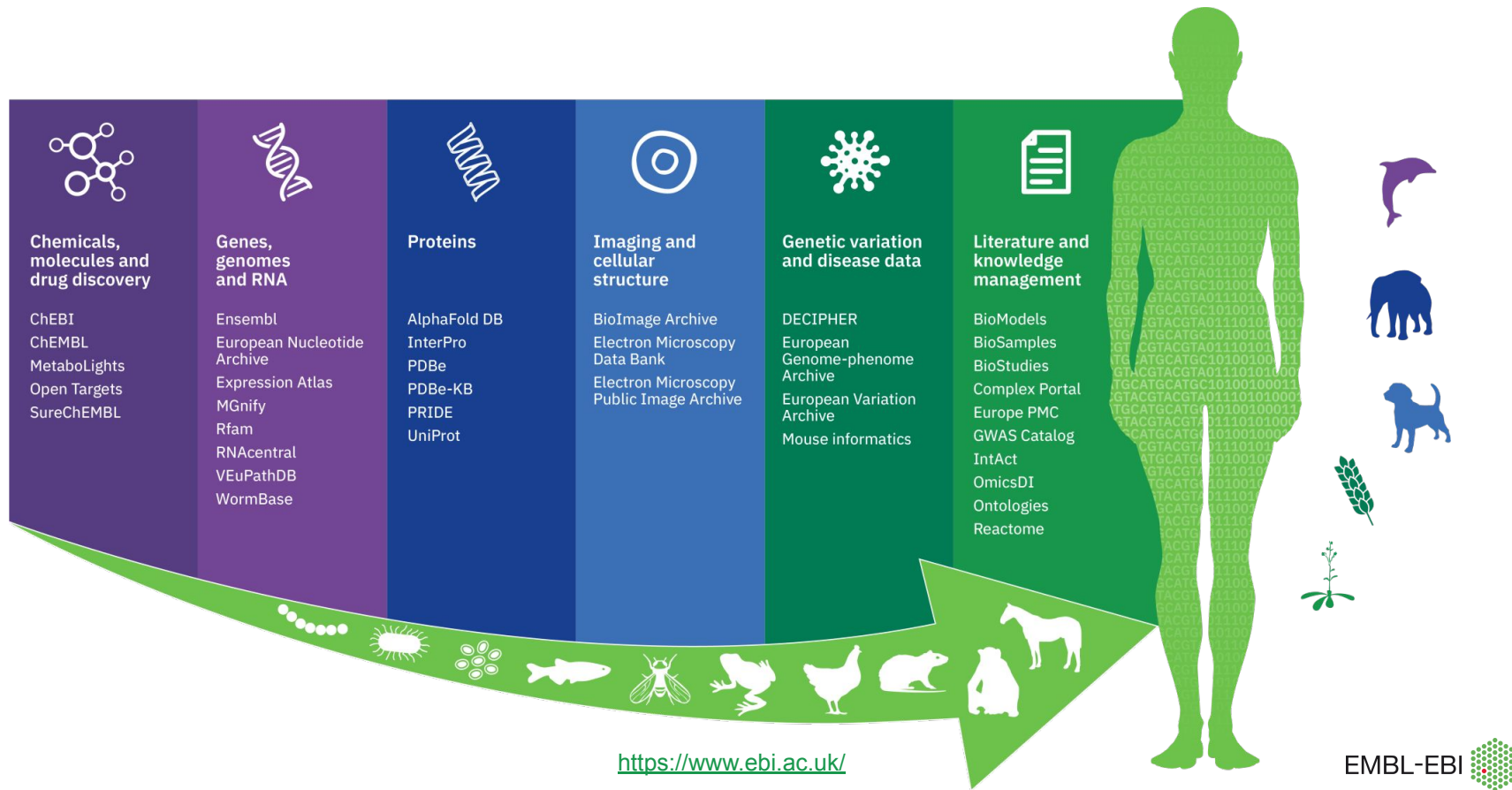


Learning outcomes

We hope that you feel more capable to:

- **Explore human variation types** in commonly used bioinformatics file formats
- **Compare experimental methods** for variant effect analysis and understand the specific strengths of each
- **Navigate bioinformatics knowledge bases** to explore information about genetic variants and to contrast different approaches to see how they can be combined for interpretation
- **Evaluate evidence** from multiple sources supporting variant effect and impact in the context of research and study design
- **Investigate the impact** of variant interpretation on clinical diagnostics and drug tractability

EMBL European Bioinformatics Institute (EMBL-EBI)



Materials for this tutorial

- Github: <https://bit.ly/3TNy43U>



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Well done
everyone!

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