European Variation Archive at EMBL-EBI: webinar

Gary Saunders [1]

- DNA & RNA
- Beginner
- 0.5 hour

There are a number of open-access variation datasets available for the genomics community. These are found on numerous FTP servers, various literature resources and probably one or two thousand hard-drives that are floating across the globe. We can consider this ‘data sharing’; however, it is difficult to conclusively track variant data shared in this manner, associate such variants with the correct sample(s) or indeed track these datasets in terms of updated releases. At the European Variation Archive (EVA), we aim to permit the sharing of normalized variant datasets, and the annotation of such, in a much more structured and accountable manner.

This webinar is for those who wish to learn more about the EVA, the genetic variation data available for browsing and how to make the most of the resource.

This webinar was recorded on 2 November 2016. It is best viewed in full screen mode using Google Chrome.

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

Learning objectives:

- Describe the function of the European Variation Archive
- Identify methods for accessing data in the European Variation Archive
- Identify key steps involved in submitting data to the European Variation Archive

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Contributors
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Gary Saunders is an EBI curator of the European Variation Archive and related resources: the Database of Genomics Variants archive and the European Genome-phenome Archive. It is Gary's responsibility to manage the data within these resource(s) to ensure accuracy, clarity and discoverability. Previous to this position, Gary was a curator of the GENCODE project, which provides the gene set for the Ensembl genome browser.

Gary moved into curation following the completion of his PhD at the University of Glasgow, where he employed a variety of phylogenomic and bioinformatic methods to investigate drug resistance in nematode parasites of human and livestock importance. ORCID ID: 0000-0002-7468-0008

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