



**Workshop on
“Mining plant variation data”
Organised by the transPLANT Consortium¹,**

July 01-03, 2015

Hinxton, EBI campus, United Kingdom

We are pleased to announce the 4th transPLANT user Training Workshop in Hinxton, United Kingdom (European Bioinformatics Institute) on **July 01-03, 2015**.

transPLANT is a vibrant consortium of 11 European partners gathered to address the challenges of complex plant genome data integration and analysis. It aims to develop a trans-national infrastructure for plant genomic science. For details, please visit <http://transplantdb.eu/>.

This workshop focuses on current developments in plant data resources at transPLANT partner sites (www.transplantdb.eu), with a special reference on plant genomic variation data, re-sequencing projects and GWAS analyses. The workshop will provide a basic tutorial on SNP calling and analysis as well as hands-on introductions into partner resources and tools and explain how to obtain, search and use this data.

The workshop is targeted at (experimental) biologists and breeders who have the need to use these resources and concepts in everyday work to interpret own observations and plan new research objectives. No prior (informatics) knowledge or skills are required. Familiarity with using browser-based tools and/or Linux operating systems would be helpful however.

The local organizer is the European Bioinformatics Institute (EBI) in Hinxton, UK.

During this course you will learn about:

- Syllabus: SNP calling; variation data; GWAS
- Tools: Introgression Browser, polymarker, VCF viewer
- Resources: Ensembl Plants, GMI GWAS resources

Learning Objectives - after this course you should be able to:

- Access plant variation data from public resources
- Use appropriate tools to analyse variation
- Explore *A. thaliana* GWAS data

Costs

Workshop fee will be £105.

Registration and program

The organizers may select participants on the basis of information obtained at application. Details of accommodation and transport to Hinxton (UK) will be given upon acceptance to the Workshop. The maximum number of participants is restricted to 25. If you are interested in participating and to learn more about the course program, please visit

www.ebi.ac.uk/training/course/mining-plant-variation-data

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