



Upcoming diXa Training Course

Microarray Analysis using R and Bioconductor

Date: 14-16th May 2013

Location: EMBL-EBI, Cambridge, UK

Is this course right for me?

This course is aimed at researchers and scientists (PhD students, post-doc, staff scientist) who will benefit from an introduction to microarray data analysis and training in how to perform simple analysis using R/Bioconductor. All sessions are a combination of lectures and hands-on.

Prerequisites?

Life science degree or equivalent experience, basic understanding of microarray techniques, and a basic understanding of biostatistics. No prior knowledge of R or Bioconductor is assumed.

What will I learn?

Participants will receive a basic understanding of the R syntax and ability to manipulate R objects. After this course students should feel comfortable with the R/Bioconductor environment and be in a position to continue their own explorations of the functionality of R and start using R for their basic biostatistics needs. You will understand why Quality Control of microarray is necessary, run a QC workflow and be able to correctly interpret the results. A range of data exploration methods will be reviewed (PCA, Hierarchical clustering, KNN and Kmean, Scatter plots).

Full programme / registration: www.dixa-fp7.eu/dixa-training

For more information about the diXa project visit www.dixa-fp7.eu or contact us on training@dixa-fp7.eu. Why not join our mailing list if you want to be kept informed of upcoming training events? Send an email with the subject *subscribe* to dixa-training-request@ebi.ac.uk



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