

POLO D'INNOVAZIONE GENOMICA, GENETICA E BIOLOGIA SOCIETÀ CONSORTILE R.L.

INTRODUCTORY COURSE IN BIOINFORMATICS

[First announcement]

OCTOBER 7th – 11th, 2013



Polo Innovazione Genetica Genomica e Biologia at Perugia is organizing a week-long course on Bioinformatic at the University of Perugia, which will consist of both lectures and practical exercises (hands-on). This course is directed at young researchers who intend to use Bioinformatics in their investigations.

A total of 15 participants will be accepted and preference will be given primarily to postgraduate students and, space allowing, to young postdoctoral researchers. The course will be held in English

The topics covered will be:

- Introduction to the use of IT tools and Bioinformatics
- DNA sequence analysis and similarity searches
- Bio-databases [emphasis on genome databases, e.g. ENSEMBL]
- Ontologies [esp. the Gene Ontology/GO]
- Genome projects
- Next generation sequencing [NGS]
- Gene expression and RNA profiling [microarrays and RNA-seq]
- Structural Biology
- Population genetics [use of polymorphisms]

Applications, addressed to info@poloinnovazioneegg.com, will be accepted till September 10th and successful participants will be notified by September 20th.

Application should include a short CV and a 3 to 5 lines-long statement on why the applicant wishes to take the course.

The participation fee will be 150 €/student and will also cover the cost of light lunch.

www.poloinnovazioneegg.com
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