

The Gulbenkian Training Programme in Bioinformatics

ELB18F Entry Level Bioinformatics

our entry level course with a soft introduction to NGS data analysis

February 19th . February 23rd 2018

This is an entry level course aimed at those with a reasonable biological background but no significant experience with bioinformatics. The course is broadly based around a series of exercises in which a combination of simple analytical tools and reference to publicly available databases is applied to the investigation of a single human gene. The training manual for the course is comprised of detailed instructions for the tasks undertaken. Included are questions (with answers), discussion and interpretation of the results.

This course will also provide a soft introduction to Next Generation Sequencing (NGS) data analysis. This part of the course aims at providing basic skills that are needed when one needs to process NGS data, such as evaluating data quality, trimming sequences, changing data formats, visualising data, etc. Then, participants will learn how to address a simple problem, stepwise, using open source bioinformatics tools.

David P. Judge

Independent Bioinformatics Instructor
Cambridge, UK

Pedro L. Fernandes

Instituto Gulbenkian de Ciência
Oeiras PT

Daniel Sobral

Instituto Gulbenkian de Ciência
Oeiras, PT

Visit <http://gtpb.igc.gulbenkian.pt/bicourses/2018/ELB18F> for more information

