CRG[R] | Training for scientists
Centre for Genomic Regulation

PRESENTS

BIOSTATISTICS

Apply by 24th March 2018

Statistical Analysis applied to Research Data

Teacher: Hafid Laayouni - UPF
Duration: 10 sessions (total 20h; 14h theory + 6 h practicals)
Schedule: 20th April- 22nd June, Fridays 10:00- 12:00
Maximum nº students: 20*

- **T01. Introduction. Descriptive statistics. Probability and distributions. Sampling distribution. Confidence intervals**
- **T02. Hypothesis testing. The t-test**
- **P01. Exercises and hands on sessions T01-T02**
- **T03. Analysis of variance. One-way ANOVA**
- **T04. ANOVA. Multiple comparison procedures. Two way ANOVA**
- **P02. Exercises and hands on sessions T03-T04**
- **T05. Correlation and regression**
- **T06. Multiple regression analysis. Partial correlation**
- **P03. Hands on sessions T05-T06**
- **T07. Analysis of Covariance- Effect size, and a summary of inference methods**

* Participants need to have a basic R programming skills

Contact
More information
training@crg.eu

Register