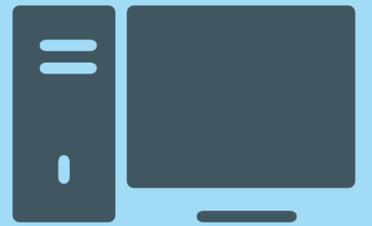




Training  
for  
scientists



PRESENTS

# BASICS OF BIOSTATISTICS

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## *Take the Best Advantage of Your Data and Research*

The course will give an overview of important concepts and methods used to analyse "Biomedical data".

Topics that are going to be addressed:

- Introduction. Descriptive statistics. Sampling distribution. Confidence intervals
- Hypothesis testing. The student t-test
- Analysis of variance. Multiple comparison procedures.
- Correlation and regression. Multiple regression analysis. Partial correlation
- Analysis of Covariance
- Categorical data, Effect Size and a summary of inference methods
- Students' data analysis presentations

Teacher: Hafid Laayouni - UFF

Duration: 7 sessions of 3 hours each (total 21h)

Dates and Time: Tuesdays, alternating mornings and afternoons (10:00-13:00 and 14:00-17:00) from April 14th to May 26th.

Maximum n° students: 18

Registration deadline: 27th March 2026

**\* Participants need to have a basic R programming skills**

Contact [training@crg.eu](mailto:training@crg.eu)

Scan for more information

