

Workshop

"Basic Notions in Biostatistics"

Imparted by Dr. Miguel Peláez

(Senior AI Specialist at Plaiground & Executive Director at Clubes de Ciencia España)

Thursday, December 3rd, 2020
Online Workshop

9:30-10:10h Introduction

What is biostatistics?

Why and when to use statistics in biology or chemistry or science in general?

Statistics descriptors

10:10-10:50h Distributions

Uniform distribution

Gaussian distribution

Bimodal distribution

10:50-11:30h Statistical Test to Confirm Hypothesis

Chi square test

Fisher test

T-student Test

11:30-12:00h Break

12:00-12:40h Experimental Design

Sampling Techniques

Further considerations and workshop wrap-up

12:40-13:10h Connection to Artificial Intelligence

Applications in biology

13:30-14:00h Assignment (for the MCIB master students only)

Registration required:

https://cib_margarita_salas_csic.eventbrite.es/

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