

MISB EXTENSIONS

MASTER'S DEGREE

ON INTEGRATIVE SYNTHETIC BIOLOGY



February 15, 2024

CIB Margarita Salas (Main Lecture Hall).
Additional online streaming upon registration.

MIGUEL PELÁEZ
Senior AI Specialist at Hugel

"BASIC NOTIONS IN BIOSTATISTICS"

10:00-10:30h Introduction

What is biostatistics? Why and when to use statistics in biology or chemistry or science in general? Statistics descriptors.

10:30-11:00h Distributions

Uniform distribution. Gaussian distribution. Bimodal distribution.

11:00-11:30h Statistical Test to Confirm Hypothesis

Chi square test. Fisher test. T-student Test.

11:30-12:00h Break

12:00-12:30h Experimental Design

Sampling Techniques. Further considerations and workshop wrap-up.

12:30-13:00h Connection to Artificial Intelligence

Applications in biology

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REGISTRATION

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