



INSTITUTO
GULBENKIAN
DE CIÊNCIA

GTPB

The Gulbenkian Training Programme in Bioinformatics

Instructor Certificate

The Instituto Gulbenkian de Ciência (IGC) is pleased to certify that

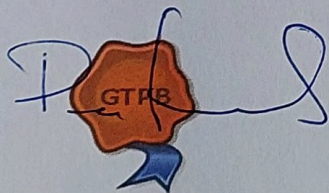
Andrea Guarracino

has successfully delivered the GTPB Course **CPANG22**

Computational Pangenomics

that took place at the Instituto Gulbenkian de Ciência, Oeiras, PORTUGAL, playing the role of **instructor** from May 23rd to May 27th 2022, consisting of 20 hours of lectures and 16 hours of practical exercises, totaling more than 36 hours of intensive hands-on training.

Oeiras, May 27th 2022



Pedro L. Fernandes
GTPB Coordinator
Instituto Gulbenkian de Ciência