

EMBO WORKSHOP

Computational models of life: From molecular biology to digital twins

Interview with the PerMedCoE grant recipient Anna Chloe Synacheri

Anna Chloe Synacheri is a bioinformatician with a computer science background and for the past five years she has been working with NGS data analysis.

What is your main professional interest?

My main professional interest lies in studying the transcriptional landscape in the promoter region under normal conditions and conditions of genotoxic stress, through the analysis of cell populations. Recently, I've extended my expertise to analyse single-cell data, particularly interested in understanding cutaneous squamous cell carcinoma. It's an evolving project that allows me to explore molecular intricacies and the complexities of cancer research.

What were your expectations from the EMBO Workshop "Computational models of life: From molecular biology to digital twins"?

I applied to the EMBO Workshop with the expectation to gain insights on diverse fields of bioinformatics and computational modeling, stay updated with the latest developments and interact with students and researchers that may share scientific interests with me.

Have these expectations been met?

The workshop has surpassed my expectations by exposing me to a wide range of different computational projects and promoting valuable discussions. Although a very dense experience, due to the amount of presentations, the diversity of topics, as well as, the many opportunities to engage into conversation with the speakers and fellow students have contributed significantly to my professional growth and inspiration.

What is your feedback regarding gender balance and equality in this workshop?

In terms of gender balance, both speakers and participants exhibited a satisfactory distribution. Interactions felt secure, at least the ones I was involved in, and the overall structure of the workshop contributed to a positive and inclusive environment.

