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🕐 de 11h à 12h

Functional prediction at the (meta)-genomic scale by evolutionary analysis.

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EMBL

Functional prediction is a cornerstone in molecular biology. In this seminar, I will talk about current phylogenomic approaches to functional annotation and gene family characterization. In particular, I will focus on the use of fine-grained orthology detection for functionally annotating novel genomes, phylostratigraphic methods to date the emergence of particular gene functions, and current challenges in the discovery of novel gene functions out massive metagenomic datasets.