

Info:

The group of Proteomics and Functional Genomics for the analysis of gene expression regulation at IFOM-IEO Campus in Milano is seeking a young and qualified computational biologist for a research position to be defined based on the candidates' curricula.

The long-standing goal of the group is the elucidation of the molecular mechanisms that regulate gene expression, using a combination of functional genomic approaches, with a focus on proteomics, to study transcriptional and post-transcriptional control (PTC) of gene expression. The successful applicant will conduct research in the development of statistical analysis methods, clustering and computational analysis to map proteomics and genomics data while critically reviewing of currently available methods. Experimental data come from several projects dedicated to the study of gene expression regulation mechanisms. The group consists of faculty and research fellows from Biochemistry, Cell Biology and Mathematics. Thus, the position offers a unique opportunity for a researcher to interact in a highly interdisciplinary environment.

Enthusiastic candidates with background in the field of computational analysis for quantitative gene expression data (e.g. qProteomics and Transcriptomics) are strongly encouraged to apply.

Requirements:

Masters degree in Biology, Biochemistry, Biotechnology and/or Bioinformatics, but with sound expertise in computational/quantitative biology.

The ideal candidate will have a computational background in the life sciences, being familiar with basic scripting and programming techniques. A background in statistics would be an advantage as would a knowledge of the R software, but it is not strictly required. Flexibility, strong motivation towards interdisciplinary research and the ability to work independently are essential.

We offer an open and stimulating scientific environment, a range of exciting projects, modern laboratories and most modern research equipment and the possibility to team up with other computational biologists working at the Campus on quantitative data obtained by state-of-the-art technologies.

How to apply:

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