Marie Curie PhD position- BIOINFORMATICIAN

Job offer

Genartis is looking for a young researcher to be enrolled as Marie Curie PhD student within the [European network ENTRY-DM](#). The project focuses on the development of innovative genomic methods for the characterization of expanded repeats in Myotonic Dystrophies, using long-read sequencing technologies (PacBio and ONT). The candidate will focus on the analysis of the data produced, therefore a background in bioinformatics is required, preferably in the genomics field. We are looking for candidates with a dynamic, international mindset and adaptability to diverse research settings, that are eager to contribute to innovative, high-impact research in a globally connected environment.

Minimum requirements

- Master's degree in computational biology, bioinformatics, computer science, statistics or related field.
- Previous experience with bioinformatic analyses
- Hand-on experience with programming/scripting (e.g. Bash, Perl, Pyhon, R)
- Familiarity with the Unix environment
- Interest in research and PhD training in the field of genomic technologies and their applications
- Proficiency in English
- <12 months of main activity (work, studies, etc.) in Italy in the 3 years immediately prior to recruitment (01/09/2025)(MSCA mobility rule).

Preferential requirements, but not essential

- Previous experience in the analysis of next-generation-sequencing data
- Background in genetics or genomics
- Basic knowledge of Italian is recommended to facilitate broader institutional and social interactions

About us

[Genartis](#) is an innovative start-up, specialized in personalised genomics and DNA sequencing, that tightly collaborates with the [Functional Genomics Laboratory](#) of the University of Verona (associated partner of the ENTRY-DM project). Our mission is to advance genomic research and its applications by combining cutting-edge technologies with a tailored approach to genetic analysis. As a dynamic company rooted in academic excellence, Genartis bridges the gap between research and real-world impact, contributing to the development of precision medicine and innovative genomic solutions.

Additional info

- Info on Genartis: www.genartis.it
- Info on the Functional Genomics Lab (University of Verona): Research
- The PhD title will be awarded by the University of Verona: https://www.corsi.univr.it/?ent=cs&id=1190.
- Additional info on the Marie Curie European network ENTRY-DM: https://www.entry-dm.eu/

How to apply

Full instructions and requirements: DC1: Innovative genomic technologies for the advanced characterization of myotonic dystrophy mutations | EURAXESS

Contacts to apply and get more information
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