

Senior Molecular Geneticist (m/f) – Technical-Scientific Officer

Internal reference: SeniorMolecularGeneticist/CGPP/IBMC/1505/2025

Centre for Predictive and Preventive Genetics (CGPP, <http://www.cgpp.pt>) is hiring a new team member to participate in the validation of genetic test reports. The successful candidate will work directly under the supervision of the laboratory director, to identify disease-causing variants in hereditary conditions using cutting-edge genomic technologies, and participate in the validation of methods and laboratory procedures.

CGPP is the provider of clinical and molecular diagnostic services, in the field of Medical Genetics, of the IBMC - Institute for Molecular and Cell Biology (www.ibmc.up.pt), at i3S – Institute for Research and Innovation in Health (www.i3s.up.pt). CGPP also contributes with clinical translation research, given the strong connection with hospitals of the Portuguese National Health Service and with several patients' associations, committed to convert scientific knowledge into value for the society. The team of laboratory specialists, technicians and clinicians that integrates CGPP has unique opportunities for continued education and professional development.

Minimum requirements:

- (1) Nationally recognized title of specialty (compliant with Portuguese Portaria n.º 91/2024/1) in human genetics or medical genetics and registration within the respective professional body;
- (2) Formal training and experience in all currently used molecular biology techniques;
- (3) >3 years of experience on interpretation/validation of genetic results and (co)signing molecular genetic test /clinical reports;
- (4) Experience in interpretation/validation of genetic test results obtained through conventional methodologies, namely Sanger sequencing, fragment analysis, qPCR and MLPA;
- (5) Knowledge of the bioinformatics processing, commonly used software and databases, in particular for the classification and interpretation of variants identified after analysis of next-generation sequencing (second and third/forth generations);
- (6) The clinical laboratory expertise necessary for generating medical diagnostic reports;
- (7) High motivation, good communication and organization skills;
- (8) Good interpersonal relationships and capacity of working within a multidisciplinary team;
- (9) Rigor and high sense of responsibility in the context of a clinical diagnostics laboratory;
- (10) Good command of Portuguese and English languages (spoken and written).

Preferential conditions:

- (1) PhD in human molecular genetic (or related field) and academic work in the field of rare genetic diseases;
- (2) Certification as a “Clinical Laboratory Geneticist” by the EBMG (European Board of Medical Genetics), or training in clinical laboratory molecular genetics and previous experience fulfilling the core criteria to become eligible by the EBMG;
- (3) Experience in designing and implementing strategies to improve assays and workflows;
- (4) Leadership skills are beneficial including experience in delegating tasks and

defining deadlines to a team; and (5) Good knowledge of a quality system and procedures at an accredited laboratory (including ISO 15189).

Documents needed:

- CV (in English)
- Motivation letter (in English)
- Reference letter(s)

Candidates shall submit their application, containing the required information and supporting documentation, in digital form (PDF format) at the following link:

<https://dozer.i3s.up.pt/applicationmanagement/#/addapplications/f434e52c978fc249a776735a23e827>

Deadline:

The applications are between **16th May 2025 and 15th August 2025**.

The **jury**, composed by Jorge Oliveira (Chair), João Parente Freixo and Milena Paneque (Members); Rita Ferreira (Substitute).

Starting date: Expected by the 1st October of 2025

Both an admitted and excluded candidate list and a final classification list shall be published on the website of the Institute (www.ibmc.up.pt) and the candidates will be notified by email.