

### Senior Molecular Geneticist (f/m)

**Internal reference:** Senior\_Molecular\_Geneticist/CGPP\_IBMC/0512/2023

Centre for Predictive and Preventive Genetics (CGPP, <http://www.cgpp.eu>) is hiring a new team member to participate in the validation of diagnostic test results and 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 current 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](http://www.ibmc.up.pt)), at i3S – Institute for Research and Innovation in Health ([www.i3s.up.pt](http://www.i3s.up.pt)). CGPP is also a clinical translation research centre, with strong links to hospitals of the NHS and to patients' associations, and is committed to the translation of research and knowledge into value for society. The team of technicians and clinicians that integrates CGPP has unique opportunities for continued education and professional development.

#### **Minimum requirements:**

- (1) PhD in human molecular genetics or a related field, or speciality in medical genetics (for medical doctors), or a nationally recognized title of specialty in human genetics (for non-medical doctors).
- (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 or MLPA;
- (5) knowledge of the bioinformatics processing, common software and databases, in particular the classification and interpretation of variants identified after analysis of whole-exome sequencing data or targeted gene panels;
- (6) the clinical laboratory expertise necessary for generating medical diagnostic reports;
- (7) high motivation, and 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 the English language (spoken and written).

**Preferential conditions:** (1) academic work in the field of rare genetic diseases; (2) registration within the respective professional body and/or 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:**

- PhD Certificate
- 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/ba6c1ef950f2406e8daa09662dda878>

**Deadline:**

The applications are between 5<sup>th</sup> December 2023 and 6<sup>th</sup> January 2024.

The **jury**, composed by Jorge Oliveira (President of the jury), João Parente Freixo, Milena Paneque, will select the best candidates for a personal interview.

**Starting date:** Expected by the 1<sup>st</sup> February 2024

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](http://www.ibmc.up.pt)) and the candidates will be notified by email.