

Germans Trias o Pujol Research Institute (IGTP) endorses the Requirements and Principles of the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers, and Open, Transparent, Merit-based recruitment promoted by the European Commission and follows Equal Opportunities policies. On 22 August, 2019, IGTP was awarded the "HR Excellence in Research" logo. This recognition reflects the commitment of the Institute to the continuous improvement of its human resources policies in line with the Charter & Code. The Institute works to ensure fair and transparent recruitment and appraisal procedure

MOLECULAR GENETICIST (REF.: 2022/36)

1. JOB DESCRIPTION:

The Clinical Genomics Research group focuses on developing new tools for genetic diagnostics and also building the basis of a personalized strategy for the Neurofibromatoses and Schwannomatosis. We are a multidisciplinary team performing both research and clinical activity as we are members of the Genetic Service at Hospital Germans Trias & Pujol and the Spanish Reference center of Phakomatoses.

Currently we have several ongoing projects in the lab which are focused in: 1) development of new genetic tests methods; 2) to study the contribution of NF2 mutation into the progression of schwannomas and meningiomas; 3) development of personalized therapy for Neurofibromatosis type 2 patients; and 4) establishment of ACMG guidelines for Neurofibromatoses as coordinators of the international Variant Curation Expert Panel (VCEP) for Neurofibromatoses and Schwannomatosis by ClinGen (NIH).

We are seeking a motivated, organized, and team-oriented molecular biologist with previous experience in human genetics, experimental approaches and NGS data analysis with the desire to work in a multidisciplinary team focused in translational research and to get involved in the different projects of the group.

2. QUALIFICATIONS AND EXPERIENCE: The consultant must have the following qualifications:

The following requirements are mandatory:

- Degree in biology, biochemistry, genetics or similar, if possible with high human genetics knowledge. Applicants with degrees in other life sciences will be considered providing they can demonstrate expertise in human genetics.
- Previous experience in molecular and cellular approaches, especially in primary and iPSC-cell based cultures.
- Knowledge of Next Generation Sequencing, interpretation of human genetic variants, *in silico* programs, etc.
- Fluent English.
- Candidates must be highly motivated, proactive attitude and quite independent, with the ability to work in a dynamic team environment.
- Good organizational skills and excellent attention to detail.
- Ability to perform as a team member and must have good interpersonal skills

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This position is intended for specialized technicians in molecular genetics who can progressively become independent in developing academic research projects in line with the group priorities.

3. TASK AND RESPONSIBILITIES: The specific tasks for the consultant will be:

- As member of Clinical Genomics Unit, you will participate in the different projects on going in the laboratory, research activities and publications, but mainly in those projects related with the use of primary cultures and iPSC cells.
- In addition, you will participate in the NF VCEP expert panel as biocurator. You will be responsible primary for aggregating the available scientific evidence for subsequent expert member review.
- You will work on a daily basis in a multidisciplinary team with clinical staff, bioinformaticians, biologists and molecular geneticists.
- Maintaining close communications with supervisor regarding progress.
- You will interact with experts in medicine, genetics and bioinformatics to jointly evaluate the different tools, software, etc. used and developed by VCEP and also in the group, participating in regular group meetings to understand clinical and research needs and help the team to improve them.

4. WE OFFER:

This is a long period project, although the contract is for one year. Moreover, contract will be renewed based on positive annual appraisals.

Salary to be discussed according to previous experience.

5. FOR MORE INFORMATION:

Contact with ecastellanos@igtp.cat

6. HOW TO APPLY:

Those interested should send a motivational letter and their CV by email to seleccio@igtp.cat, indicating the reference of the offer on the email issue.

CANDIDATES THAT DO NOT INDICATE THE REFERENCE OF THE OFFER IN THE SUBJECT WILL NOT BE CONSIDERED.

After a pre-selection of applicants, an interview will be done with the candidates most suitable.