

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

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## TECHNICIAN IN CANCER RESEARCH (REF.:2024/53)

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### 1. JOB DESCRIPTION:

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IGTP Childhood Liver Oncology Group is looking for a technician in Cancer Research. The candidate will integrate in a collaborative project together with IDIBAPS with the aim of understanding molecular mechanisms driving Hepatoblastoma (HB). HB is the most common paediatric liver cancer, and currently there are limited therapeutic options for children with aggressive tumours. To identify main players in the acquisition of cancer stem cell phenotype we aim to use patient-derived organoids as in vitro model of HB. The candidate will participate in the characterization and gene editing of patient-derived liver HB organoids as well as the generation of organoid-derived xenograft. In addition, he/she will be responsible for the evaluation of HB organoid tumorigenic potential and drug response.

### 2. QUALIFICATIONS AND EXPERIENCE:

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Essential job requirements:

- a) Degree in biomedicine or related disciplines.
- b) Experience in cell culture and animal handling.
- c) Competencies and skills: Communication, Teamwork and collaboration, Commitment, Proactivity, Integrity, Critical and Analytical thinking.
- d) Good level of English.

### 3. MAIN RESPONSIBILITIES:

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The applicant will work under the supervision of IP. She/He will carry out the following research activities:

- a) Generate and expand the collection of organoids derived from patients.

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- b) Define organoid-derived xenograft using immunosuppressed mice.
- c) Generate genetic engineered patient-derived organoids through CRISPR/CRISPRi system.
- d) Employ organoids for drug testing.

#### 4. WHAT WE OFFER:

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- a) Full-time contract.
- b) Date of incorporation: As soon as possible.
- c) Gross annual remuneration inherent to the square objected to this call, will be fixed based on the experience provided and the skills of the candidate, distributed in 12 payments.
- d) Flexible payment (childminding vouchers).
- e) 23 days holiday and 5 days for personal matters.
- f) Training capsules by the company.
- g) Be part of an excellent multidisciplinary research centre with the HRS4R badge.

#### 5. FOR MORE INFORMATION:

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[www.germanstrias.org/ca/research/cancer/2/oncologia-hepatica-infantil-c-log](http://www.germanstrias.org/ca/research/cancer/2/oncologia-hepatica-infantil-c-log).

#### 6. HOW TO APPLY:

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Those interested must send a letter of motivation explaining their interest in the post, a CV and the contacts of 2-3 referees to the address [seleccio@igtp.cat](mailto:seleccio@igtp.cat)

**APPLICATIONS THAT DO NOT INCLUDE THE REFERENCE CODE IN THE SUBJECT LINE WILL NOT BE CONSIDERED.**

Applications will be evaluated in accordance with the guiding principles and objectives of the supply systems, following the process described below:

- a) **Curricular evaluation:** analysis of the curriculum vitae to assess aspects related to training, professional career and experience in positions related to the job position under selection.

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- b) **Personal interview:** once the résumé has been evaluated, the selected candidates will be called for a personal interview to verify and expand on the information detailed in the résumé and to evaluate aspects related to experience and professional skills.

Applications that do not meet the requirements, that are not included in the cases foreseen or that are not processed in accordance with the established procedure will not be considered in the selection process.

## 7. DEADLINE FOR APPLICATIONS:

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The call for applications will close on May 30<sup>th</sup>.

**The IGTP, in its commitment to equal opportunities, guarantees equal treatment between candidates and persons with a degree of disability equal to or greater than 33 per 100, as accredited by the Spanish Autonomous Regions or the State Administration, or who have been declared to have a total permanent disability in a different profession through a resolution of the National Institute of Social Security, while retaining functional capacity for the completion of the tasks of the post will be positively considered.**

