

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

FLOW CYTOMETRY CORE FACILITY MANAGER (REF: 2024/01)

1. JOB DESCRIPTION:

The Institute for Health Science Research Germans Trias i Pujol (IGTP) is a public research center in the Autonomous region of Catalonia in Northeast Spain dedicated to increasing scientific knowledge and transferring it to improve the care and lives of patients.

IGTP is seeking a Flow Cytometry Manager who can be part of a dynamic and rapidly growing organization. The Flow Cytometry Manager maintains a state-of-the-art service facility, leads and develops a highly experienced staff and works with investigators to educate them in experimental design, equipment use and data analysis. The Manager will be responsible for the management of operational and capital resources of the core facility and will prepare planning reports in collaboration with the Core Facilities Coordinator and Controller Business.

2. QUALIFICATIONS AND EXPERIENCE:

- a) Bachelor's Degree or Master's Degree in Biological sciences or related discipline.
- b) 6-8 years of research lab experience that includes at least 3 years of hands-on flow cytometry experience.
- c) Flow Cytometry Core Facility management experience for at least 2 years.
- d) In-depth theoretical and practical knowledge of full spectrum flow cytometry.
- e) Demonstrated experience analyzing high dimensional data using specialized platforms (OMIQ, Cytobank, etc.).
- f) Demonstrated ability in the interpretation and evaluation of flow cytometry data.
- g) Fluency with current flow data analysis software (FCS Express, FlowJo, etc.).
- h) Demonstrated expertise in polychromatic immunophenotyping, cell sorting, including panel design, equipment operation, data analysis and interpretation.

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- i) Experience in overseeing operations in a Flow Cytometry Facility; demonstrated training and supervision capabilities.

3. MAIN RESPONSIBILITIES:

- a) Operate and manage flow cytometry analyzers and cell sorters, including instrument QA/QC and scheduling.
- b) Advise users on experimental protocols, preparation of samples, analysis, and interpretation of data.
- c) Write and implement lab policies and standard operating protocols.
- d) Responsible for the proper maintenance, alignment, calibration and troubleshooting of equipment for specific experimental requirements.
- e) Participate in the selection of new facility equipment as needed to maintain a cutting-edge research facility.
- f) Perform and schedule routine and non-routine maintenance. Troubleshoot instrument problems and consult with vendor technical staff regarding the best approach for repair.
- g) Train new users of equipment and application software, and assist users in experimental design and in interpreting and evaluating raw data.
- h) Design and implement scheduling and other procedures and protocols appropriate for the management of multi-user equipment.
- i) Perform various administrative duties. Work with the business manager to prepare and monitor facility budgets. Oversee the billing to users. Design facility advertisements, brochures, and web pages. Prepare progress reports, strategic plans, resource descriptions, and other related tasks.
- j) Provide a safe working environment for staff members and facility users and monitor safety compliance as per institutional guidelines.
- k) Maintain reporting and billing, process costing and fee development and participate in budget discussion.
- l) Report equipment incidents and communicate with vendors for repair.
- m) Manage technical staff including recruitment, training, trouble-shooting, mentoring and evaluation.

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4. WHAT WE OFFER:

- a) Full time permanent contract-work.
- b) Date of incorporation: February 2024.
- c) Competitive salary depending on the qualifications and experience and skills of the candidate.
- d) Flexible payment (childcare vouchers).
- e) 23 days holiday and 5 days for personal matters.
- f) Challenging project in a multi-disciplinary team in the context of a dynamic and stimulating environment fostering scientific growth.
- g) Research institute with a number of facilities and scientific platforms, associated to a third level hospital, where basic, translational and clinical research meet.
- h) Participation in international consortiums.
- i) The candidate will give and attend seminars locally at the Institute and participate in national and international conferences and meetings.
- j) The chance to give an important contribution to the development of innovative tolerogenic cell products for the future of personalized therapies.
- k) Location on the Can Ruti Campus, a first-class translational research environment in the Barcelona area, in a very stimulating scientific environment. The IGTP offers a supportive, friendly and collaborative ecosystem to promote professional development and help you achieve your research goals.

5. FOR MORE INFORMATION:

<https://www.germanstrias.org/es/>

<https://www.germanstrias.org/en/technology-services/cytometry/>

6. HOW TO APPLY:

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 selecció@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:

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- 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.
- b) **Personal interview:** once the resume 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:

The call for applications will close on January 15th, 2024.

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.