

Job description

Job title	Senior Laboratory Technician
Job code	TIV_Senior LabTech 02_122024
Full/part time	Full time
Field	T cell immune response
Direct supervisor	Àlex Olvera
Experience	0-1 year
Languages	English
Starting date	3rd March, 2025
Education and field of expertise	Higher Technician in Clinical and Biomedical Laboratory (Técnico Superior en Laboratorio Clínico y Biomédico)
Summary	<p>IrsiCaixa, located in Hospital Germans Trias i Pujol, has an opening in the T cell immunology and Vaccines (TIV) group for a highly motivated Research Technician.</p> <p>The main objective of a successful candidate will be to perform T cell-based assays and -omics studies to analyze virus-specific T cell responses and their regulatory capacity. In addition, NK and B cell responses will be measured to depict their relationship with T cell regulation.</p> <p>The main goal of this work is to identify T cell responses associated with better control of viral infections such as HIV and their translatability to immunotherapy development.</p> <p>The work will be performed in the framework of research projects funded by the Agencia Estatal de Investigación (Spain), National Institute of Health (USA), and HORIZON Europe (EU).</p>
Job duties	<p>Under the direction of the TIV principal investigator and research associates the applicant will carry out T and B cell assays needed to execute different ongoing projects, mainly:</p> <ul style="list-style-type: none"> - Spectral flow cytometry - Cell sorting - Sample Preparation for -omics studies of T cell responses, mainly scRNA/TCRseq - Multiplexed protein analysis (Luminex, Olink, MSD, etc) - ELISPOT - ELISA - Antibody neutralization assays - ADCC assays <p>The work will be performed under BSL2 and BSL3 conditions to evaluate T, NK, and B cell responses during natural infection or after vaccination.</p>
Candidate profile and qualifications	<ul style="list-style-type: none"> • An appropriate candidate should hold a Higher Technician in Clinical and Biomedical Laboratory title. • The TIV is a highly internationalized group, so a successful candidate should have a good command of English.

	<ul style="list-style-type: none"> • Previous experience working in flow cytometry will be specifically evaluated. • Previous experience with other T cell immune monitoring methodologies (ELISpot, Luminex, Olink, ELISA, etc) and -omics technologies (transcriptomics, proteomics, metabolomics, scRNAseq, etc) will also be considered • Candidates must be highly motivated, independent, confident to work in a dynamic team environment, and be highly interested in infectious diseases and host immunity. • Good organizational skills and excellent attention to detail. • Ability to perform as a team member and have good interpersonal skills to work in a highly collaborative environment
<p>What we offer</p>	<ul style="list-style-type: none"> • Employment at a leading research center specializing in infectious diseases and immunity. • Salary following IrsiCaixa’s salary scales. • Flexible working hours, for entering and leaving. • Sponsored training opportunities on scientific and professional soft skills (including courses on communication, time management, data analysis (excel, graph pad), flow cytometry, research seminars; etc.) • Mentorship and support for professional development, including new assay implementation. • Training to work in BSL2 and BSL3 facilities • An international collaborative research environment • Impactful, innovative, and interdisciplinary research projects • Mixed basic and clinical research environment in Biomedicine • State-of-the-art infrastructure
<p>Application deadline</p>	<p>31st January 2025</p>
<p>Required documents</p>	<ul style="list-style-type: none"> • Motivation letter • Curriculum vitae in English • Academic certificate corresponding to the degree or degree equivalent
<p>Selection process</p>	<ul style="list-style-type: none"> • Pre-selection: will be based on CV, academic record, and motivation letter • Interviews: Short-listed candidates will be interviewed in person or online • Offered Position: The job will be offered to the successful candidate after the interview
<p>Application process</p>	<ul style="list-style-type: none"> • Through the IrsiCaixa website • By sending an email to jobs@irsicaixa.es. Applications that do not include the job code in the email's subject line will not be considered.
<p>Where to find us</p>	<p>IrsiCaixa Germans Trias i Pujol Hospital 2nd floor, Maternity building. Ctra. del Canyet, s/n. 08916 Badalona, Barcelona (+34) 93 465 63 74</p>