

Job description	
Job title	PhD student for vaccine development projects
Job code	IGG_PhD Student_01_112023
Full/part time	Full time
Field	Vaccine development
Direct supervisor	Dr. Jorge Carrillo
Experience	Working in a lab environment: cell culture, molecular biology, flow cytometry and animal models.
Languages	English, Spanish, Catalan
Starting date	January 15 th , 2024
Education and field of expertise	Bachelor's in biology, biochemistry, microbiology or equivalent. Master in Immunology or equivalent.
Summary	<p>We are looking for a highly motivated, enthusiastic, and proactive young investigator interested on vaccine development with a strong immunology orientation to join our group, IGG, at the IrsiCaixa AIDS Research Institute. Irsicaixa is located at the Biomedical Campus Can Ruti (Barcelona).</p> <p>The work will be focused on HIV vaccine development and encompasses a broad range of technical expertise: from protein production and purification to <i>in vivo</i> studies. The research activity implies to work in a BSL-3 environment with infectious HIV particles.</p>
Job duties	<ul style="list-style-type: none"> Activities related to the research project (e.g. protein production and purification, ELISA, Western Blot, Flow cytometry, neutralization assays, among others). Immunogenicity and efficacy studies in animal models. Collaborating in the writing of scientific publications, grants, and scientific reports. Presenting data within and outside the laboratory groups at meetings and symposia. Maintaining detailed documentation of experimental work. Maintaining close communication with PI regarding progress. Participating in IrsiCaixa's formative activities.
Candidate profile and qualifications	<ul style="list-style-type: none"> Bachelor's mark higher than 7 Master's mark higher than 8.50 Good organizational skills and excellent attention to detail. Excellent written and oral communication skills in English. Candidate must be highly motivated and with the ability to work in a dynamic team environment.
What we offer	<ul style="list-style-type: none"> A national and international collaborative research environment. Impactful, innovative and interdisciplinary research projects. Transversal and general training (such as gender equality, research seminars, science integrity).

	<ul style="list-style-type: none"> • Possibility to participate in national and international scientific meeting. • Mixed basic and clinical research environment in Biomedicine. • State-of-the-art infrastructure.
Application deadline	December 27th, 2023
Required documents	<ul style="list-style-type: none"> • Curriculum vitae • Academic certificates (Bachelor's and Master's degrees) • Motivation letter describing previous work/research experience, current interests and career expectations
Selection process	<ul style="list-style-type: none"> • Pre-selection: based on CV, academic record, and motivation letter. • Interview: short-listed applicants will be interviewed in person or online. • Offered position: the job offer will be sent to the successful candidate after.
Contact	<p>Dr. Jorge Carrillo</p> <p>E-mail: jcarrillo@irsicaixa.es</p> <p>Please, insert job code "IGG_PhD Student_01_112023" in the e-mail subject: IgG_PhD Fellow_01</p>
Where to find us	<p>IrsiCaixa AIDS Research Institute</p> <p>Germans Trias i Pujol Hospital 2nd floor, Maternity building.</p> <p>Ctra. del Canyet, s/n. 08916 Badalona, Barcelona</p> <p>(+34) 93 465 63 74</p>