

Job description	
Job title	PhD Fellow for vaccine development projects
Job code	IGG_PhD Fellow_01_072024
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 15th, 2025
Education and field of expertise	Bachelor in biology, biochemistry, microbiology or equivalent. Master in Immunology or equivalent.
Summary	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). The work will be focused on Syphilis 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 agents.
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. • To be updated in the bibliography and advances related to the research project.
Candidate profile and qualifications	<ul style="list-style-type: none"> • Bachelor´s mark higher than 8 • 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. • Cross-disciplinary and soft skills training (such as gender equality, research seminars, science integrity). • Possibility to participate in national and international scientific meetings. • Mixed basic and clinical research environment in Biomedicine. • State-of-the-art infrastructure.

	<ul style="list-style-type: none"> If you do not obtain a personal doctoral scholarship, IrsiCaixa covers the registration costs for the doctoral program.
Application deadline	September 15th, 2024
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: The pre-selection process will be merit-based, focusing on the qualifications and expertise demonstrated in the candidates' CVs and motivation letter. Interview: Pre-selected candidates will be interviewed by the PI and a selection panel. Additional information will be required to referees if needed. Offered position: the job offer will be sent to the successful candidate
Contact	<ul style="list-style-type: none"> Through the IrsiCaixa website By sending an email to jobs@irsicaixa.es. To ensure your application is considered, please include the job code in the subject line of your email - IGG_PhD Fellow_01_072024
Where to find us	<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>