

Job description	
Job title	Postdoctoral researcher
Job code	<b>IGG_PostDoc_01022025</b>
Full/part time	Full time
Field	<b>Development of a Syphilis vaccine</b>
Direct supervisor	<b>Dr. Jorge Carrillo</b>
Experience	Experience in cellular and molecular biology, flow cytometry, immunology, and working with animal models for research. Knowledge of communicating scientific activity and writing scientific articles.
Languages	English, Spanish, Catalan
Starting date	<b>April 1st, 2025</b>
Education and field of expertise	<ul style="list-style-type: none"> <li>• Bachelor in biology, biochemistry, microbiology or equivalent.</li> <li>• Master in Immunology, Microbiology or equivalent.</li> <li>• PhD in Immunology, Microbiology or equivalent.</li> </ul>
Summary	<p>We are looking for a highly motivated, enthusiastic, and proactive investigator interested on vaccine development with a solid immunology background to join our group, <b>IGG</b>, at <a href="#">IrsiCaixa</a>. IrsiCaixa is located at the Biomedical Campus Can Ruti (Barcelona).</p> <p>The work will be focused on developing a syphilis vaccine as well as novel animal models to study <i>Treponema pallidum</i>. The work encompasses a broad range of technical expertise: from protein production and purification to in vivo studies. The research activity implies to work in a BSL-3 environment with infectious <i>Treponema pallidum</i> stocks.</p>
Job duties	<ul style="list-style-type: none"> <li>• Activities related to the research project (e.g. protein production and purification, ELISA, Western Blot, Flow cytometry, among others).</li> <li>• Immunogenicity and efficacy studies in animal models.</li> <li>• Writing of scientific publications, grants, and scientific reports.</li> <li>• Presenting data within and outside the laboratory groups at meetings and symposia.</li> <li>• Maintaining detailed documentation of experimental work.</li> <li>• Maintaining close communication with PI regarding progress.</li> <li>• Supervising student at the laboratory.</li> <li>• Participating in IrsiCaixa's formative activities.</li> <li>• To be updated in the bibliography and advances related to the research project.</li> </ul>
Candidate profile and qualifications	<ul style="list-style-type: none"> <li>• Competitive CV.</li> <li>• Good organizational skills and excellent attention to detail.</li> <li>• Excellent written and oral communication skills in English.</li> </ul>

	<ul style="list-style-type: none"> <li>• Candidates must be highly motivated and oriented to perform a scientific career.</li> <li>• Capability to work in a dynamic team environment.</li> </ul>
What we offer	<ul style="list-style-type: none"> <li>• A national and international collaborative research environment.</li> <li>• Impactful, innovative and interdisciplinary research projects.</li> <li>• Transversal and general training (such as gender equality, research seminars, science integrity).</li> <li>• Possibility to participate in national and international scientific meetings.</li> <li>• Mixed basic and clinical research environment in Biomedicine.</li> <li>• State-of-the-art infrastructure.</li> <li>• We offer and promote a diverse and inclusive environment and welcome applicants regardless of age, disability, gender, nationality, ethnicity, religion, sexual orientation or gender identity.</li> <li>• Salary is consistent with our pay scales.</li> </ul>
Application deadline	<b>Until the position is covered</b>
Required documents	<ul style="list-style-type: none"> <li>• Curriculum vitae.</li> <li>• Academic certificates (bachelor, master and PhD).</li> <li>• A motivation letter describing previous work/research experience, current interests and career expectations. Indicate two referees for asking additional information. Briefly describing the relationship with them (PhD supervisor, workmate, etc.).</li> </ul>
Selection process	<ul style="list-style-type: none"> <li>• Pre-selection: The pre-selection process will be merit-based, focusing on the qualifications and expertise demonstrated in the candidates' CVs and motivation letter</li> <li>• Interview: pre-selected candidates will be interviewed by the PI and a selection panel. Additional information will be required to referees if needed</li> <li>• Offered position: the job offer will be sent to the successful candidate</li> </ul>
Application process	<ul style="list-style-type: none"> <li>• Through the <a href="#">IrsiCaixa website</a></li> <li>• By sending an email to <a href="mailto:jobs@irsicaixa.es">jobs@irsicaixa.es</a>. To ensure your application is considered, please include the job code "IGG_PostDoc_01022025" in the subject line of your email</li> </ul>
Where to find us	<p><b>IrsiCaixa</b>  Germans Trias i Pujol Hospital   2nd floor, Maternity building.  Ctra. del Canyet, s/n. 08916 Badalona, Barcelona  <b>(+34) 93 465 63 74</b></p>