

## Job description

<b>Job title</b>	PhD Fellow Position to be granted by the <a href="#">Spanish Research Agency</a>
<b>Job code</b>	<a href="#">PISTA_PhD Fellow_01_072024</a>
<b>Full/part time</b>	Full-time dedication, 4 years fellowship
<b>Field</b>	Bachelor in biology, microbiology or equivalent Master in immunology, virology or equivalent
<b>Direct supervisor</b>	Dr. <a href="#">Nuria Izquierdo-Useros</a>
<b>Experience</b>	2 years
<b>Starting date</b>	January 2025
<b>Summary</b>	<p>We are looking for a highly motivated, enthusiastic, and proactive young investigator interested in developing novel antiviral and immunomodulatory strategies against viral infections. A full-time Predoc position is open to join our group, <a href="#">PISTA</a>, at <a href="#">the Fundació Privada Institut de Recerca sobre Immunopatologies-Caixa (IrsiCaixa)</a>. IrsiCaixa is located at the Biomedical Campus Can Ruti (Barcelona).</p> <p>The thesis will focus on identifying novel host directed antiviral therapies to tackle different viruses (SARS-CoV-2, RSV and MPXV). Within this context, the PhD research position will be linked to the project entitled “Novel antiviral and immunomodulatory broad-spectrum therapies targeting cellular host factors (ViroSTOP)” (PID2023-147498OB-I00), granted as well by the Spanish Research Agency.</p>
<b>Job duties</b>	<ul style="list-style-type: none"> <li>• Under the direction of the principal investigator (PI), the applicant will independently carry out research activities in high-level BSL-3 biosafety facilities. Thus, the position requires working in highly BSL-3 biosafety facilities with infectious viral stocks.</li> <li>• The main duty will be related to the completion of analytical assays related to antiviral and immunomodulatory strategies to tackle SARS-CoV-2, RSV and MPXV.</li> <li>• Experiments require extensive experience in tissue culture, virus manipulation, flow cytometry, microscopy, primary cell culture, proteomic and basic molecular biology techniques (RT-PCR, isolation of DNA/RNA, plasmid growth, etc.)</li> <li>• Writing scientific papers and reports.</li> <li>• Keep up with the bibliography related to the project.</li> <li>• Work in close collaboration with the PI, other team members and collaborators.</li> <li>• Presenting data (internally and in conferences).</li> <li>• Maintaining detailed documentation of experimental work.</li> </ul>
<b>Candidate profile and qualifications</b>	<ul style="list-style-type: none"> <li>• Competitive CV.</li> <li>• Experience with the above-mentioned techniques.</li> <li>• Excellent team working abilities.</li> <li>• Candidate must be willing to continuously learn and grow.</li> <li>• Priority will be given to highly motivated individuals that like setting up novel assays.</li> <li>• Good organizational skills and excellent attention to detail.</li> <li>• Excellent written and oral communication skills in English.</li> <li>• Must have good interpersonal skills.</li> <li>• Some occasional evening flexibility may be required.</li> <li>• Candidate must be highly motivated and oriented to follow a scientific career.</li> <li>• Candidate should be enrolled in a Doctoral Program before the official starting date of the contract.</li> </ul>
<b>What we offer</b>	<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 equity, research seminars, science integrity, biosafety).</li> <li>• Possibility to participate in national and international scientific meetings.</li> </ul>

	<ul style="list-style-type: none"> <li>• Basic and clinical research environment in Biomedicine.</li> <li>• State-of-the-art infrastructure.</li> <li>• We 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>
<b>Application deadline</b>	<b>Open until the position is covered</b>
<b>Required documents</b>	<ul style="list-style-type: none"> <li>• Curriculum vitae</li> <li>• Academic records (bachelor and master)</li> <li>• Motivation letter describing previous work/research experience, current interests and career expectations. Indicate two referees for asking additional information and briefly describe the relationship with them (supervisor, workmate, etc).</li> </ul>
<b>Selection process</b>	<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>
<b>Contact</b>	<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, <b>please include the job code in the subject line of your email - PISTA_PhD fellow_01_072024</b></li> </ul>
<b>Where to find us</b>	<p><a href="#">IrsiCaixa</a>  Germans Trias i Pujol Hospital   2nd floor, Maternity building.  Ctra. del Canyet, s/n. 08916 Badalona, Barcelona  (+34) 93 465 63 74</p>