

	<b>Description</b>
<b>Function</b>	Research Scientist- Cellular Assays
<b>Location / Contact</b>	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne <a href="mailto:hr@acimmune.com">hr@acimmune.com</a>
<b>Percentage</b>	100%
<b>Overview</b>	<p>AC Immune is a clinical stage Swiss biotech company focused on the development of innovative therapeutics and diagnostics for Alzheimer's and other neurodegenerative diseases.</p> <p>We are seeking a highly qualified Research Scientist to expand the company's efforts in research and development. The candidate must possess scientific background in cellular biology and biochemistry focusing in neurodegenerative diseases and a clear record of accomplishment in an academic or industrial setting. He/she must have at least two years of relevant experience, have demonstrated ability to make significant discoveries in an academic setting or knowledge in the drug discovery process. Promising opportunities for growth and advancement exist.</p>
<b>Job description</b>	<ul style="list-style-type: none"> <li>• Brings in expertise and provides hands-on research support for the Biology Research Team within the R&amp;D department working on the discovery and characterization of therapeutic small molecules for neurodegenerative disorders (mainly Parkinson's disease and other synucleinopathies)</li> <li>• Responsible for the development and optimization of new cellular assays amenable for high-throughput screening</li> <li>• Oversees preparation and maintenance of primary cultures of neurons, astrocytes and microglia as well as other mammalian cell lines</li> <li>• Plans and oversees and/or executes immunoassays and biochemical assays to study protein misfolding and aggregation (e.g. immunostaining, fluorescent microscopy, ELISA, MSD, immunoblotting, protein detection in cultures, animal or human samples)</li> <li>• Design and coordinate animal studies in models of neurodegeneration</li> <li>• Data validation, analysis and presentation at internal and external meetings.</li> <li>• Support and supervise activities with external vendors and collaborators.</li> <li>• Write protocols and scientific reports; publish results in scientific peer-reviewed journals.</li> </ul>
<b>Qualifications</b>	<p>The candidate should have the following qualifications:</p> <ul style="list-style-type: none"> <li>• Ph.D. degree (or equivalent) with related experience in biochemistry, immunology, cell biology, neuroscience or related scientific discipline.</li> <li>• Postdoctoral experience with proven publication record</li> <li>• Experience in small molecule drug discovery would be an advantage.</li> <li>• Experience in cell culture, high content screening, microscopy, protein biochemistry and assay development is mandatory</li> <li>• Previous experience in neuroscience, and neurodegenerative disorders such as Parkinson's disease as well as work with misfolded/ aggregated proteins would be an advantage</li> <li>• Excellent organizational skills, meticulous record keeping and data documentation</li> <li>• Team spirit paired with rigorous work style, self-motivation, flexibility and ability to design and execute scientific experiments autonomously</li> <li>• Excellent oral and written communication skills in English are a must.</li> </ul>