## Description

<table>
<thead>
<tr>
<th>Function</th>
<th>Research Scientist</th>
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<tbody>
<tr>
<td>Location / Contact</td>
<td>EPFL Innovation Park, Building B, 1015 Lausanne&lt;br&gt;<a href="mailto:hr@acimmune.com">hr@acimmune.com</a></td>
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<td>Percentage</td>
<td>100%. Available immediately</td>
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## Overview
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.

AC Immune is seeking a highly qualified Research Scientist to expand the company’s efforts in research. The candidate must possess scientific background in structural biophysics and protein dynamics in neurodegenerative diseases and a clear record of accomplishment in an academic or a commercial setting. S/he must have demonstrated their ability to make significant discoveries in an academic setting or bring a research product to a clinical stage. Promising opportunities for growth and advancement exist.

## Job description
- Provides hands-on research support for the Biology research team within the Biology department working on the discovery and characterization of PET radiotracers for the diagnosis of neurodegenerative disorders
- Preparation and characterization of human brain tissue for binding studies
- Evaluation of new procedures and protocols for the enrichment of pathological protein aggregates from human tissues (e.g. immunoprecipitation, sucrose gradient, FACS)
- Optimization of binding assays or other quantitative assays for Kd and Ki assessment
- Setting up autoradiography assay conditions for new radioligands on human and TG mouse tissue sections
- Screening small molecule compounds that are regularly synthesized by the Chemistry team using new as well as established assays
- Immunostaining of human tissue sections
- Evaluating target engagement of compounds by direct staining on tissue sections
- Autoradiography with tritiated ligands

## Qualifications
The candidate should have the following qualifications:
- Ph.D. training in life sciences
- Previous experience in structural biophysics and protein dynamics
- Previous experience in neuroscience and neurodegenerative disorders, notably ALS and FTD along with TDP-43, is an advantage
- Postdoctoral experience is an advantage
- Excellent organizational skills and capability of data documentation
- Team spirit paired with autonomous and rigorous work style
- Excellent oral and written skills in English is mandatory