

	Description
Function	Research Scientist
Location / Contact	EPFL Innovation Park, Building B, 1015 Lausanne hr@acimmune.com
Percentage	100%. Available immediately
Overview	AC Immune is a Swiss Biotechnology company specialized in the development of innovative therapies against Alzheimer's disease and other neurodegenerative disorders. 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	<ul style="list-style-type: none"> • 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	<p>The candidate should have the following qualifications:</p> <ul style="list-style-type: none"> • 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