

	Description
Function	Trainee
Location / Contact	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne careers@acimmune.com
Percentage	100 % - 6 months internship
Reporting Line	Research Scientist – TDP-43/Neuroinflammation Team
Company Profile	<ul style="list-style-type: none"> 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 140+ Employees, 20+ nationalities, IPO in 2016, listed on NASDAQ AC Immune SA is a progressive, equal opportunity employer
Job description	<p>Trainee position within AC Immune's R&D team, working on immunotherapies against neurodegenerative disorders.</p> <p>We use our two unique proprietary platform technologies, SupraAntigen™ and Morphomer™, to discover, design and develop therapeutics and diagnostics to target misfolded proteins. The technology platforms are our engines for generating novel antibodies, vaccines and small molecules that are designed to bind to their targets with high affinity and conformational specificity.</p> <p>By joining the Neuroinflammation Team, the candidate will support the discovery and development of new drugs for the treatment of neurodegenerative and inflammatory diseases.</p>
Key Responsibilities	<p>The project will comprise:</p> <ul style="list-style-type: none"> Development and execution of <i>in vitro</i> assays in cell lines, primary microglia and iPSC-derived microglia, to evaluate the efficacy and explore the mechanism of action of inflammasome inhibitors <i>Ex vivo</i> analysis of various biomarkers by ELISA, AlphaLISA, MSD, Western blotting and immunohistochemistry Interpreting and processing raw data to draw conclusions from the experiment, getting familiar with Excel and Prism calculations and data recording in the electronic lab book Presentation of the results: increase familiarity with Power Point presentation with AC Immune guidelines Participation to general laboratory organization by ensuring availability of reagents necessary for the experiments.
Qualifications & Skills	<ul style="list-style-type: none"> Last year of a Master's or Engineer degree in biotechnology or biology (specialized in cell biology, molecular biology, biochemistry, immunology) Previous experience in a laboratory environment. Personal features include: <ul style="list-style-type: none"> High degree of autonomy Scientific curiosity Team spirit Flexibility Good communication skills in English are a must.