

	<b>Description</b>
<b>Function</b>	Trainee in Technical Operations Team
<b>Location / Contact</b>	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne <a href="mailto:careers@acimmune.com">careers@acimmune.com</a>
<b>Percentage</b>	100%
<b>Reporting Line</b>	Group Leader CMC
<b>Company Profile</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. Our therapeutic and diagnostic agents are at the forefront of fighting against one of the world's greatest healthcare challenges – the need to develop reliable and accurate diagnostics and disease-modifying treatments to improve the lives of patients.</p> <p>AC Immune uses two unique proprietary platform technologies, SupraAntigen™ and Morphomer™, to discover, design and develop therapeutics and diagnostics to target misfolded proteins. The technology platforms are the engines for generating novel antibodies, vaccines and small molecules that are designed to bind to their targets with high affinity and conformational specificity.</p>
<b>Job description</b>	<p>The biological SupraAntigen™ platform developed by AC Immune is a powerful technology to generate therapeutic or non-therapeutic liposomal vaccines. There are several liposome-based products currently on the market or in development phase, but their functionality is mainly based on controlled release of encapsulated small molecules or oligonucleotides. Due to the unique mechanism of action of AC Immune liposomal vaccines, innovative approaches for the manufacturing and testing of these product are required to develop vaccines that induce specific and strong immune responses. In addition, AC Immune vaccine technologies require in depth understanding of the compatibility and interactions between the different components.</p>
<b>Key Responsibilities</b>	<p>You will be joining the Technical Operations department which includes the Manufacturing (MFG)/Process Development group and the Analytical Development /Quality Control group (ADQC). You will contribute to the process development of adjuvanted vaccines. The project will focus on drug product formulation development, with the aim of understanding and improving the vaccines' stability profile. This includes production at bench scale and in-process testing of several adjuvanted vaccines' formulations, compounded according to a systematic study plan, in order to identify the best candidates in terms of buffers and excipients. In addition to production, you will also be able to contribute to the analytical testing of the vaccines. This project also provides the opportunity to become familiar with the complexity of the regulatory requirements applicable to the pharmaceutical industry.</p>
<b>Qualifications &amp; Skills</b>	<p>The candidate should have the following qualifications:</p> <ul style="list-style-type: none"> <li>• Current educational internship opportunity (EPFL/EPFZ, University, etc)</li> <li>• Experience in a laboratory environment, preferably working with pharmaceutical product formulation.</li> <li>• Excellent work organization and data documentation.</li> <li>• Flexibility and be ready to learn new techniques as needed.</li> <li>• Demonstrate a good positive team spirit, proactive attitude, ability to work independently, with good organizational skills.</li> <li>• Good oral and written skills in English are a must.</li> </ul>