

	<b>Description</b>
<b>Function</b>	Trainee in Antibody Engineering 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 % for a 6-month duration
<b>Reporting Line</b>	Scientist within the Antibody Engineering Team
<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.</p> <ul style="list-style-type: none"> <li>• 140+ Employees, 20+ nationalities, IPO in 2016, listed on NASDAQ</li> <li>• AC Immune SA is a progressive, equal opportunity employer</li> </ul>
<b>Job description</b>	<p>AC Immune is seeking a highly motivated trainee to join the Antibody engineering Team, with the goal of engineering Adeno-Associated Virus (AAV) vectors to improve their properties for therapeutic applications.</p> <p>The project will focus on the design and selection of novel AAV variants using rational design strategies and/or phage display. You will be involved in the construction of AAV sequence libraries, molecular cloning, viral vector production, screening for enhanced tropism, and functional characterization of selected candidates.</p> <p>You will evolve in a dynamic and team-spirit oriented environment where a high degree of flexibility and creativity will be required.</p>
<b>Key Responsibilities</b>	<p>The candidate must possess:</p> <ul style="list-style-type: none"> <li>• Knowledge and laboratory experience, including in bacterial and mammalian cell culture</li> <li>• Competence or knowledge in molecular biology, recombinant protein expression, purification, characterization</li> <li>• Ability to prepare protocols, plan, and perform laboratory work independently,</li> <li>• Ability to record, analyze data, and share findings through written reports and oral presentations.</li> </ul>
<b>Qualifications &amp; Skills</b>	<p><i>Required:</i></p> <ul style="list-style-type: none"> <li>• Last year of a master's/engineer degree in Biotechnology or Biology (specialized in cell biology / molecular biology / biochemistry)</li> <li>• Experience in a laboratory environment</li> <li>• Good scientific writing and presentation skills</li> <li>• Hands on experience or knowledge in antibody engineering will be a plus</li> </ul> <p><i>Personal features include:</i></p> <ul style="list-style-type: none"> <li>• High degree of autonomy and rigor</li> <li>• Positive team spirit</li> <li>• Flexibility</li> <li>• Creativity</li> <li>• Good spoken and written English are required</li> </ul>