

	Description
Function	Trainee in Antibody Engineering
Location / Contact	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne careers@acimmune.com
Percentage	100 % - 6 months internship
Reporting Line	Team leader Antibody Engineering
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. 120+ Employees, 20+ nationalities, IPO in 2016, listed on NASDAQ AC Immune SA is a progressive, equal opportunity employer
Job description	<p>AC Immune is seeking a highly motivated trainee to join the Antibody Engineering Team, with the goal of humanizing and optimizing an antibody for intracellular targeting.</p> <p>The project will comprise rational design, cloning, expression and characterization of humanized antibody in different formats. You will perform molecular biology, protein expression, purification, and affinity measurement by surface plasmon resonance (SPR) and bio-layer interferometry (BLI).</p> <p>You will evolve in a dynamic and team-spirit-oriented environment where a high degree of creativity will be required.</p>
Key Responsibilities	<ul style="list-style-type: none"> Clone mammalian expression vectors Produce and purify recombinant antibodies Characterize antibodies using bioanalytical methods such as western blot, SPR, BLI or SE-HPLC Record and analyze data in ELN Report and discuss with its supervisor and propose next experiments Participate and present results during team meetings
Qualifications & Skills	<p>Required:</p> <ul style="list-style-type: none"> Last year of a master's/engineer degree in Biotechnology or Biology (specialized in cell biology / molecular biology / biochemistry) Knowledge and laboratory experience, including cell culture. Competence or knowledge in molecular biology, recombinant protein expression, purification and characterization Ability to prepare protocols, plan, and perform laboratory work independently, Ability to record, analyze data, and share findings through written reports and oral presentations. Good scientific writing and presentation skills Hands-on experience or knowledge in antibody engineering will be a plus Good spoken and written English <p>Personal features include:</p> <ul style="list-style-type: none"> High degree of autonomy and willing to learn Positive team spirit Demonstrated ability to synthesize, analyze and communicate key information Excellent capabilities in work organization and data documentation Flexibility and creativity