

	Description
Function	Trainee in Active Immunotherapy
Location / Contact	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne careers@acimmune.com
Percentage	100% - 6 months internship
Reporting Line	Senior Research Assistant
Company Profile	<ul style="list-style-type: none"> AC Immune is a clinical-stage biopharmaceutical company emerging as a global leader in precision medicine to diagnose, treat and prevent 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 motivated student to work within the R&D team in collaboration with the Data Science team.</p> <p>The candidate should have interest in developing data visualization and simple workflow/analysis tools. She/he will contribute to data analysis and workflow improvements for cell-based assays to characterize responses to active immunotherapies against neurodegenerative disorders. The role involves developing basic analysis tools and visualizations, integrating instrument outputs into the Electronic Laboratory Notebook (ELN), and enhancing data recording, traceability, and efficiency. In addition, she/he will be involved in cell preparation and assay execution to gain full process understanding.</p> <p>The internship is based within the Immunotherapy group with co-mentoring from the Data Science team.</p>
Key Responsibilities	<ul style="list-style-type: none"> Develop basic data analysis tools and visualizations for cell-based assay results. Integrate instrument-generated data into the Electronic Laboratory Notebook (ELN) to improve traceability and workflow efficiency. Support the implementation and organization of the ELN database. Assist with raw-data pre-processing, documentation, and quality control. Participate in cell preparation and assay execution to test the full experimental workflow. Collaborate with both the Immunotherapy team and the Data Science team on technical and IT-related aspects. Participate in team meetings, presentations, and discussions to share insights and progress on assigned projects.
Qualifications & Skills	<p>Required:</p> <ul style="list-style-type: none"> Last year of a master's degree in Biology, Biotechnology, Biomedical Sciences, Life Science Engineering, Data Science, or a related field. Good understanding of cell biology and laboratory techniques. Good knowledge of Python 3.10+, including relevant data science libraries such as NumPy, Pandas, Matplotlib, Seaborn, Plotly or Streamlit. Basic understanding of SQL for data querying and manipulation. Working knowledge of Excel for managing and organizing datasets. Ability to work with structured data and follow good documentation practices. Strong attention to detail, especially in data recording and traceability. Good problem-solving skills and willingness to learn both experimental and data-oriented tasks. Effective communication skills and ability to collaborate across scientific and technical teams. Good spoken and written English

