	Description
Function	**Internship – Statistical analysis and reporting of clinical data**
Location / **Contact**	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne careers@acimmune.com
Percentage	100 % for 6 months, with a possibility of prolongation by up to 6 months
Reporting Line	Head of Clinical Data Science
Company Profile	• 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	AC Immune is looking for an intern to support the analysis of clinical data with a focus on fluid and/or image-based biomarkers. The internship involves preparing and harmonizing internal and external datasets, performing exploratory data analyses and statistical analyses, and reporting results, under the supervision of AC Immune's Head of Clinical Data Science. Tasks may also include, if time and planning permit, piloting of advanced machine learning/AI approaches and/or other quantitative approaches for biomarker analysis, and development of a dashboard interface for query and visualization of defined clinical datasets.
Key Responsibilities	• Gather, format, clean, and merge all relevant datasets • Conduct initial exploratory analyses and share and discuss results • Perform statistical analysis • Report and discuss analysis results with team(s)

Qualifications & Skills	*Required:*
	
	The candidate must hold a Bachelor's degree in Mathematical Engineering or equivalent, with proven training in Statistics
	
	• Interest in biology, neurology and neurodegenerative diseases
	• Experience with R software, ideally with Linear Mixed Model analyses and/or Bayesian methods
	• Other required skills include strong:
	  o Analytical and communication skills
	  o Interpersonal skills
	  o Proficiency in English (both written and oral)
	
	Would be a big plus:
	
	• Experience with R Shiny and/or other R reporting packages
	• Prior experience working with biomarker data
	• Prior experience in machine learning and AI methods