

	Description
Function	Scientist, Chemistry
Location / Contact	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne hr@acimmune.com
Percentage	100 % available asap
Reporting Line	SME Discovery Expert
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. 140+ Employees, 20+ nationalities, IPO in 2016, listed on NASDAQ. AC Immune SA is a progressive, equal opportunity employer.
Job description	AC Immune is seeking a qualified Scientist to contribute to the company's efforts in research and development. The candidate must possess scientific background in synthetic organic chemistry and protein bioconjugations. Experience in neuroscience (Alzheimer's Disease research) in a pharmaceutical setting with experience in drug discovery is an advantage.
Key Responsibilities	<ul style="list-style-type: none"> Design and Synthesis of linker payloads, peptide synthesis, final compounds, and common intermediates. Develop and optimize methods for antibody drug conjugation (ADC) Purification and characterization of intermediates, small-scale building blocks and final compounds (e.g. 1H-NMR, LC-MS, etc.). Design and optimization of synthetic routes and their application in lead discovery and optimization Optimization of the physicochemical, pharmacological and pharmacokinetic properties of lead compounds Good capabilities in organizing lab work and data documentation. Data presentation at international scientific conferences Data summary for publishing in scientific peer-reviewed journals and/or patent applications
Qualifications & Skills	<p>The candidate should have the following qualifications:</p> <ul style="list-style-type: none"> Ph.D. training in synthetic organic chemistry and +2 years' experience in protein chemistry is advantageous. Experience in multistep preparative organic synthesis with peptide chemistry experience in liquid and solid phase is required. Broad knowledge on bioconjugation technologies and characterization of proteins by mass methods such as MRM and SRM will be an advantage Knowledge of standard analytical methods and purification methods such as NMR, MS and HPLC. Analysis and QC Hands on knowledge of antibody drug conjugation Knowledge of the chemistry around antibody drug conjugates Knowledge of antibody drug conjugation analytics (via SEC, HIC, IEX, HPLC, or other techniques) Knowledge of MS-Office and chemistry drawing software (ChemDraw, etc.) Solid conceptual understanding of support functions, e.g., compound archiving, electronic data archiving, etc. Good capabilities in organizing lab work and data documentation. Team spirit paired with autonomous, organized, and careful work style. Good oral and written English language skills; French and a third language are assets.