

	Description
Function	Scientist – Liposome Research
Location / Contact	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne hr@acimmune.com
Percentage	100 %
Overview	<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> <p>We are seeking an experienced and creative Scientist to support AC Immune's R&D activities. He/she will be responsible for developing innovative nanoparticle-based vaccines and drug-delivery formulations. In this position, he/she will design novel concepts and provide technical expertise to deliver products to support research projects. In addition, he/she will work in close collaboration with various Research teams as well as with the Technical Operations department.</p>
Job description	<ul style="list-style-type: none"> • Designs and prepares novel nanoparticle-based vaccines and drug-delivery formulations • Designs and implements synthetic routes, bio-conjugation strategies, processes and formulations • Prepares lab-scale batches for <i>in vitro</i> and <i>in vivo</i> studies • Performs physico-chemical characterization (eg using NMR, MS, DLS etc) • Provides technical support to transfer methodologies to Manufacturing team • Ensures instrument maintenance and calibration, and ensures high laboratory standards with regards to quality, safety and general laboratory organization • Analyzes, interprets, and reports data in a clear and timely manner to Line Manager and to project teams • Mentors direct reports • Prepares protocols and scientific reports, supports filing and execution of patents and prepares publications results in scientific peer-reviewed journals • Presents work internally to multidisciplinary teams, and at international conferences
Qualifications	<p>The candidate should have the following qualifications:</p> <ul style="list-style-type: none"> • Minimum of three years of biotech / biopharma experience in the field of protein / peptide chemistry, bio-conjugation or nano-formulation • Experience working in a dynamic matrix organization • Experience in liposomes is preferable • Demonstrated ability to make significant discoveries in an academic or industrial setting • Familiarity with a range of analytical techniques • Excellent capabilities in work organization and data documentation • Rigorous attention to detail • Supervisory experience • Team spirited with problem-solving skills and pro-active attitude • Ability to work in a fast-paced team environment • High proficiency in written and spoken English is a must.