

	Description
Function	Post-Doc – 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 a creative Post-Doc 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 reduce these to practice. 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 of lab-scale batches for <i>in vitro</i> and <i>in vivo</i> studies • Performs physico-chemical characterization (eg using NMR, MS, DLS etc) • Transfers protocols and provides technical support to Manufacturing • Ensures instrument maintenance and calibration, as well as general laboratory organization • Analyzes, interprets, and reports data in a timely manner and to the highest quality to support different projects • Prepares protocols and scientific reports • 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"> • PhD in Life Sciences or Material Sciences or related discipline • Expertise in protein and peptide chemistry • Familiarity with a range of analytical techniques • Demonstrated ability to make significant discoveries (eg publications in high impact journals and/or patents) • Excellent capabilities in work organization and data documentation • Rigorous attention to detail • Team spirited with problem-solving skills and pro-active attitude • Ability to work in a fast-paced team environment • Excellent oral and written English language skills; French and a third language are assets • Familiarity with nano-formulation (liposomes) is an asset