

|                                    | <b>Description</b>  |
|------------------------------------|---|
| <b>Function</b>                    | Trainee in Liposomal / Conjugate vaccine design and manufacturing   |
| <b>Location / Contact</b>          | AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne<br><a href="mailto:hr@acimmune.com">hr@acimmune.com</a>   |
| <b>Percentage</b>                  | 100 % - 6 months internship   |
| <b>Reporting Line</b>              | CMC/Manufacturing lead  |
| <b>Company Profile</b>             | <ul style="list-style-type: none"> <li>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</li> <li>140+ Employees, 20+ nationalities, IPO in 2016, listed on NASDAQ</li> <li>AC Immune SA is a progressive, equal opportunity employer</li> </ul>   |
| <b>Job description</b>             | <p>AC Immune is seeking a trainee in the Manufacturing within AC Immune's Technical Operations team, working on the development of new synthetic methodologies and advanced process development / process optimization to manufacture new liposomal or conjugate vaccine entities.</p> <p>The candidate must possess:</p> <ul style="list-style-type: none"> <li>Scientific background in process development / optimization, chemical conjugation methodologies as well as purification methods of biologics.</li> <li>General evaluation of physico-chemical properties and handling of biological molecules such as synthetic peptides/proteins.</li> <li>Prior knowledge in formulation development and nanoparticle preparation is a plus.</li> </ul> <p>The candidate must have demonstrated:</p> <ul style="list-style-type: none"> <li>Ability to prepare protocols, plan and perform laboratory work independently, diligently record his work and analyze data generated during experimental work.</li> </ul> |
| <b>Key Responsibilities</b>        | <ul style="list-style-type: none"> <li>Utilize Design of Experiment (DoE) approaches to systemically assess various manufacturing process parameters that may impact the quality and efficacy of liposomal or conjugate vaccine products in vivo.</li> <li>Preparation of liposomal or conjugate vaccine formulations using various modern techniques</li> <li>Statistical experimental design, analysis, and evaluation</li> <li>Participate to general laboratory organization</li> </ul>   |
| <b>Qualifications &amp; Skills</b> | <p>The candidate should have the following qualifications:</p> <ul style="list-style-type: none"> <li>Enrolled in a Master program in a domain leading to an engineer title with good background in Biotechnology or Materials Science or Chemistry/Chemical Engineering</li> <li>Experience in nanoparticle/nanomedicine preparation and characterization would be a plus</li> <li>Excellent capabilities in work organization and data documentation.</li> <li>Team player paired with autonomous, organized and careful work style.</li> <li>Flexibility and ready to learn new techniques</li> <li>Good spoken and written English are required</li> </ul>  |