	Description
Function	Research Scientist – Metabolism and Drug-Drug Interactions
Location / Contact	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne careers@acimmune.com
Percentage	100 %, available immediately
Reporting Line	Team Leader DMPK
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 • 150+ Employees, 20+ nationalities, IPO in 2016, listed on NASDAQ • AC Immune SA is a progressive, equal opportunity employer
Job description	Research Scientist with expertise in drug metabolism to support the discovery and optimization of small molecules from hit-to-lead to the candidate selection. Main focus will be on progressing compounds through metabolism related studies (such as metabolic stability, CYP450 inhibition and induction, drug-drug interaction (DDI), reactive metabolite trapping, metabolic profiling and phenotyping, transporter studies and other related assessments). The successful candidate will propose the studies at the discovery level but also according to the regulatory guidelines for advancing molecules.
Key Responsibilities	• Provide drug metabolism expertise as a project team member. • Design, supervise and interpret metabolism investigating studies, including reactive metabolite trapping, metabolic stability, CYP450 inhibition and induction, metabolite identification and profiling. • Investigate the metabolism of drug candidates by characterizing metabolic pathways, identifying metabolites and determining the enzymes responsible for metabolism. • Conduct profiling of selected candidates in DDI and transporter studies. • Perform the metabolite profiling analysis to support the selection of preclinical species for toxicology studies and analyze in vivo circulating metabolites in toxicology and clinical studies. • Act as primary contact for CROs for the management of outsourced metabolism studies. Support selection of new potential CROs for these studies. • Collaborate with cross-functional teams, including DMPK, toxicology, clinical pharmacology, and medicinal chemistry, to optimize drug design and support lead optimization. • Performing predictions of metabolic transformations and other metabolism-related properties is a plus. • Summarize key data in reports, presentations and relevant sections of regulatory documents. • Stay current with the latest scientific advancements and regulatory guidelines. • Complete in a timely manner activities that allow a project to achieve deliverables and milestones.
Qualifications & Skills	Required: • Ph.D degree in Drug Metabolism, Chemistry, Clinical Pharmacology or a related life science degree. Alternatively, at least 5 years of experience in preclinical development of small molecules, preferably in industry. • Experience in designing, analyzing and interpreting metabolism studies from hit-to-lead to candidate selection with a track record of understanding the principals, theories and analysis of metabolism, drug disposition and drug-drug interactions.

	• Understanding of LC/MS and other analytical methods used for small molecules a plus. • Demonstrated ability to synthesize, analyze and communicate key information. • Strong interpersonal skills for building networks with key experts and ensuring the interface with internal departments and external collaborators. • Ability to adapt priorities to meet company needs while maintaining effectiveness. • Leadership and project management skills. • Excellent spoken and written English are required.