

	Description
Function	Senior Data Scientist
Location / Contact	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne careers@acimmune.com
Percentage	100 %
Reporting Line	VP Information Systems, Security and Digital Technologies
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	<ul style="list-style-type: none"> The Life Sciences Senior Data Scientist is an important hire in AC Immune in Data Science and reports to VP Information Systems, Security and Digital Technologies. Primary responsibility in this role will be to assist in developing AC Immune's Science-enabling Data Strategy through scientific business translation, direct project identification, initiation, and data/computational analysis work with functional/scientific stakeholders, relevant professional resources, and related services providers Build up new data structures and related assets to engage with the ACIU scientific community on the topic of Advanced Analytics (AA) and Artificial Intelligence (AI), to generate buy-in and lay the foundation for active collaboration on applying AA and AI to drive both scientific and business impact for the company Ensure that all data science infrastructure and systems comply with all regulations that the Company is subject to and all related, incremental control frameworks that it has decided to follow This role will have the opportunity to be exposed to the breadth of possible problems, life sciences/R&D data, and technologies to drive projects at the forefront of innovation in the life sciences industry.
Key Responsibilities	<ul style="list-style-type: none"> Co-define, implement, and align the data strategy with the Company's scientific strategy whilst remaining hands-on. Data Integration, Analysis, and Visualization. Work with the scientific teams of the Chief Science Officer, Chief Medical Officer, and Chief Technical Operations Officer to identify new potential project opportunities and refine these ideas into specific project proposals and science-enabling outcomes. Explore relevant new data integration and machine learning technologies that will drive scientific innovation within future projects. Understand the internal data access, integration, analysis, and visualization needs of AC Immune lead scientists and their teams and use your skills to support their scientific projects and the mission of AC Immune.
Qualifications & Skills	Requirements: <ul style="list-style-type: none"> B.S. degree in a scientific-, computer- or technology-related discipline. 3+ years' experience working with complex life sciences or health-related data sets. 3+ years' experience working with computational, machine learning, and visualization tools. Experience with data science, statistical analysis, data mining, and visualization tools. Experience with multiple programming and/or scripting languages. Demonstrates creativity and ingenuity in new and better ways to derive and visualize actionable insights from complex data sets.

- Proven ability to rapidly learn new domain areas, problems, or technologies, especially in a scientifically complex environment.
- Interest, excitement, and ability to stay current with changing trends in data science and informatics.
- Self-motivated, strong communication skills, focus on delivering results, and ability to work independently in a dynamic research environment.
- Projects a professional and positive attitude and enjoys working in team environment to achieve results, leadership and stays calm under pressure.

Additional Preferences:

- Masters or Certificate in Data Sciences, Statistics, or Informatics
- Experience working in a scientific/research environment and/or significant scientific coursework.
- LINUX/Unix experience either as a user or administrator.
- Strong programming experience in multiple languages.
- Strong Project Management, Business Analysis or Business Administrative skills.
- Experience in Agile software development and building systems using a service-oriented architecture.
- Demonstrable ability to lead the 'data agenda' and motivate scientific teams around the agenda and to communicate effectively with all Employees in AC Immune
- Excellent analytical and technical skills - pragmatic, result-oriented problem-solver
- English: mother tongue or at proficient fluent level
- Professional experience in an English-speaking Company