



## **Head of AI and Cheminformatics, Zurich**

Endogena Therapeutics is a preclinical-stage biotech company that discovers and develops first-in-class endogenous regenerative medicines to repair and regenerate tissues and organs. We combine the latest developments in stem cell biology, artificial intelligence and expertise in small-molecule drug design to develop breakthrough treatments for degenerative diseases related to ageing and genetic disorders.

We are looking for an innovative scientist with experience in AI, bio- and chem-informatics who is decisive and results driven – a creative problem solver. This is a unique opportunity to join a team of experienced and entrepreneurial scientists, to work in an innovative and multidisciplinary environment. You will have the chance to support our drug discovery efforts by contributing to the progression of our pipeline and the consolidation of the company's technology platform.

### **Key Responsibilities:**

- Work in close collaboration with Endogena scientists, providing AI, bio- and chem-informatics support for ongoing drug discovery programs at all stages.
- Disseminate the latest research, trends, and developments in these areas to the team, and analyze these for potential benefits to the company, identifying novel application opportunities.
- Provide miscellaneous informatics and technical support for team activities.
- Proactively scout for new opportunities, suggesting improvements and potential collaborations.

### **Experience and education:**

- Ph.D. in cheminformatics, or in chemistry, biochemistry, or a related scientific field with a computational emphasis and industry experience.
- Data Analysis, statistics & AI (clustering / dimensionality reduction / predictive models / generative models / deep learning etc.)
- Direct experience applying AI methods to chemical or biological problems
- Extensive experience with Python (numpy / rdkit / tensorflow / keras etc.), relational databases
- A comprehensive understanding of data mining and visualization, and ligand-based design.
- An understanding of all aspects of modern drug discovery is desirable.

If you are interested in being a key member of a mission-oriented and collegial team, please submit your resume and cover letter referencing the job title to [careers@endogena.com](mailto:careers@endogena.com) before 2020-12-19. Please note that we can only accept applications from those with a valid EU work permit.