

ABOUT SYNSIGHT

SYNSIGHT is a company specialized in the discovery and development of therapeutic small molecules, specifically targeting protein-RNA and protein-protein interactions.

Thanks to its discovery platform at the convergence of artificial intelligence and cellular imaging, SYNSIGHT develops a portfolio of proprietary and partnered therapeutic projects. The multi-scale vision of the experimental biology platform, at the core of the human cell, makes it possible to confirm the mode of action of molecules, to discover the potential effects on side biological targets, to secure the later phases of drug development. Artificial intelligence and chemoinformatics improve the processes involved in the discovery and design of drug candidates and are mainly applied in two areas: generation of new organic molecules using generative models, and images analysis from high-content cell-based images produced in its wet laboratory.

ROLE

We are looking for a senior research scientist who will be responsible for developing and executing applied research programs using innovative statistical, data mining, machine learning, deep learning, and bioinformatics algorithms, and software developments.

You will have the opportunity to work in a team of research scientists and engineers with diverse scientific backgrounds (molecular biology, cellular biology, chemoinformatics, AI engineers, structure-based and ligand-based drug design); and collaborate with partners from private companies to public laboratories all around the world.

RESPONSABILITIES

- Organize And Continue Building The AI Team And Work With Engineers To Guarantee The Production Of Software Prototypes Or Features Into Our Technological Platform;
- Member Of A Translational Team Comprising Specialists In Chemoinformatics, Drug Discovery, AI Engineers, Cellular And Molecular Biology;
- Apply Your Expertise In Artificial Intelligence To Develop Tools For Drug Discovery And Development;
- Be Proactive To Propose New AI Approaches In Relation With Our Scientific And Business Objectives.

YOUR PROFILE

- PhD degree in artificial intelligence, chemoinformatic, machine learning, mathematics, physics, computer science or a related field with additional experience in a postdoctoral or pharmaceutical industry research experience;
- Ability to conduct novel research in a field of artificial intelligence such as deep learning and computer vision;
- Ability to work on multiple projects in parallel;
- Ability to organize, supervise and motivate a team;
- Advanced proficiency in Python;
- Experience building prototypes;
- Enjoys working in a highly collaborative and multi-disciplinary environment;
- Strong communication skills and fluency in English;
- Team-oriented, enthusiastic, self-motivated, flexible can-do attitude.

OUR OFFER

- A competitive compensation package with extensive benefits;
- A stimulating working environment in a growing and ambitious biotech company;
- Excellent career development opportunity, with exposure to all aspects of R&D in the company.

SEND YOUR APPLICATION TO INFO@SYNSIGHT.NET