Chemoinformatician/ Machine Learning Scientist
Gain Therapeutics
www.gaintherapeutics.com

Offer Description:

We are seeking a computational scientist with solid background on machine learning applied to small molecule drug discovery, eager to pursue/consolidate a career in computer-aided drug design. The work involves data management and data analysis to support all stages of the drug discovery process. The candidate will participate in the extension of our proprietary HPC-based SEE-Tx technology by implementing different ML-based methods in the workflow.

Essential Requirements:

The ideal candidate holds a PhD, optionally with 2-3 years of post-doc experience, has a solid understanding of data science and its application to the fields of biology, chemistry and/or drug discovery. Demonstrated experience in the use of machine learning methods in chemoinformatics and managing complex data is essential.

The ability to deal with multiple tasks and deliver results in a timely manner is a must. Equally important, the selected candidate will be able to work effectively in a multidisciplinary team, will be proactive in the identification of tasks to support the project and will communicate the results in a clear and effective manner.

The following specific skills are considered essential. The candidate should be proficient on most of them, and will be able to master the rest in a short amount of time.

- Advanced programming skills (Python required)
- Experience with machine learning (including Deep Learning) frameworks.
- Development of Quantitative Structure-Activity Relationships
- Development of ADMET and PK data models
- Basic understanding of the medicinal chemistry principles

Additional Competences:

Experience in molecular simulations and structure-based ligand design. Knowledge of adjacent scientific areas, such as structural biology, medicinal chemistry, molecular biology, pharmacology, etcetera, will facilitate the integration in multidisciplinary teams. Good programming skills is a plus.

We Offer:

- Full time contract. Salary will be commensurate with academic level and experience.
- Stimulating, interdisciplinary research and high-quality international scientific environment.
- Measures to reconcile work and family life.
- Eligible for Employee Referral Bonus.

To apply:

Interested candidates should send a letter of motivation, CV and two contacts that can provide references to hres@gaintherapeutics.com