Standigm

About Standigm

Standigm is a workflow AI-driven drug discovery company headquartered in Seoul, South Korea. Standigm has proprietary AI platforms encompassing novel target identification to lead generation to generate commercially valuable drug pipelines. Founded in 2015, the company has established an early-stage drug discovery workflow AI to generate First-in-Class lead compounds within seven months. Pursuing full-stack, AI-driven industrializing drug discovery, Standigm has achieved the automation of molecular design workflow through DarkMolFactory™, and the automation effort has been expanding to the whole drug discovery process on the basis of Standigm AI platforms, including Standigm ASK™ for target discovery, Standigm BEST™ for lead design, and Standigm Insight™ for drug repurposing. Learn more at http://www.standigm.com.

Job Description

Title	Job Description
Biologist	**Key Responsibilities** • Drug discovery projects for diseases such as oncology, neuroscience, and metabolic disease etc • In vitro & in vivo pharmacological studies and MoA studies • CRO management • Project management of collaborative research projects **Required Qualifications** • A minimum of a Master's degree in Pharmacy/Biology/Veterinary or related scientific discipline is required • Minimum of 3 years of experience in drug discovery in pharmaceutical industry • Understanding of the pharmaceutical R&D process **Preferred Qualifications** • Experience in project leader for anticancer • Experience in project leader for CNS • Experience in projects for new drug candidate development and IND documentation • Experience in assay development & validation • Experience in research projects for AI-driven and/or bioinformatics driven drug discovery
Computational Chemist	**Key responsibilities** • Develop computational methodologies used in virtual drug designing • Provide modeling expertise in small molecule drug discovery projects • Carry out analyses, prioritization, and visualization of computational and experimental data in drug discovery programs • Actively participate in collaborative and/or internal drug discovery projects **Required Qualifications** • Ph.D. in Computational Chemistry, Cheminformatics, Medicinal Chemistry, Biophysics or related discipline with a computational emphasis with 0-3+ years postdoctoral experience OR M.S. and 5+ years of working experience in related academia or industry • In-depth knowledge of computational chemistry, computer-aided drug discovery/design and cheminformatics • Strong computational skills on one of the following programming languages: python, C, C++, Fortran, java and etc • Experience with molecular dynamics packages (e.g. AMBER, CHARMM, NAMD, GROMACS, OpenMM) • Ability to perform large-scale computational calculations on linux clusters • Strong communication skills in a multidisciplinary environment **Preferred Qualifications**

Title	Job Description
	• Experience of drug development project in a multidisciplinary environment • Experience with machine-learning related libraries (e.g. pytorch, scikit-learn, tensorflow) and/or conducting research in drug development and structural biology using machine-learning techniques • Experience in using cheminformatics libraries and packages (e.g. Schrodinger, Discovery Studio, rdkit, openeye, MOE, openbabel) • Expertise in modern molecular modeling techniques (e.g. docking, pharmacophore modeling, QSAR, ligand-, structure- based design) • Experience with quantum chemical calculation packages. • Experience in molecular modeling (e.g. Rosetta, Modeller) • Experience with public databases (e.g. ChEMBL, PubMed, PDB, UniProt, DrugBank)
Systems Biologist	**Key Responsibilities** • Design and support of data/network/ modeling, integration and management, along with associated computational and machine/deep learning environments for systems biology research • Analyze large biological data sets to build accurate predictive models of biological processes and publish original work • Demonstrated scientific understanding of systems biology and diverse types of omics data types and analysis tools • Collaborate with internal and external researchers to analyze and interpret novel results using newly derived methods **Required Qualifications** • Ph D's degree in Biology/Bioinformatics/Biochemical Engineering or related scientific discipline or above Master's degree and 2 years of minimum experience in System Biology in the pharmaceutical /bio-Tech industry

AI Scientist	**Key Responsibilities**
	• Research and secure various core technologies to discover disease targets or new biotherapeutics candidates
	• Support researchers to use data effectively with your expertise.
	• Predict bio, and physicochemical properties of novel biotherapeutics
	Required Qualifications
	• A minimum of a Master's degree in Machine Learning/Artificial Intelligence/ Statistics or related fields. Advanced degree is preferred.
	• Ability to theoretically analyze research papers
	• Ability to quickly validate research papers using Python
	Preferred Qualifications
	• Journal/award achievements in related fields (ML, AI, statistics, ...)
	• Knowledge in biology or passion for learning biology
	• Practical/research experience in the following area
	• Reinforcement Learning
	  • Deep Generative Model
	  • Meta Learning
	  • Recommender system
	• Combined academic and industrial research experience in state-of-the-art deep learning and statistical modeling techniques, e.g. (e.g., Transformers, BERT, Electra, T5)

Standigm

Working Location

- 3rd Floor, 70 Nonhyeon-ro 85-gil, Gangnam-gu, Seoul, 06234, Republic of Korea (Near Gangnam station)

Employment Term

- Permanent, Full-time

Salary

- Open to Negotiate *(adjusted to final candidate's previous professional experience)*

How to apply

- Send English CV/resume to apply@standigm.com

Hiring Process

- CV/resume screening -> 1st interview -> 2nd interview -> onboarding (ASAP)