Bioinformatics Scientist — Structural Biology & Antibody Eng

募集職種

人材紹介会社
ユナイテッドワールド株式会社

求人ID
1584550

業種
化学・素材

雇用形態
正社員

勤務地
日本

給与
300万円 ~ 700万円

更新日
2026年05月13日 00:00

応募必要条件

職務経験
3年以上

キャリアレベル
中途経験者レベル

英語レベル
ビジネス会話レベル

日本語レベル
基礎会話レベル

最終学歴
大学卒： 学士号

現在のビザ
日本での就労許可が必要です

募集要項

[Job Summary]
We are looking for a versatile, mid-level Bioinformatician to join our growing team. This is a high-impact role where you will directly influence our drug discovery pipeline by transforming raw wet-lab screening data into therapeutic leads. As an early member of the computational team in a startup environment, you will be a "full-stack" contributor—responsible for both the technical execution of NGS pipelines and the strategic interpretation of emerging biotech trends.

[Key Responsibilities]
• NGS Data Execution: Execute and refine pipelines to process high-throughput sequencing data from various display platforms (Phage, Yeast, or B-cell screening).
• Candidate Discovery & Ranking: Identify and prioritize antibody leads by analyzing clonal enrichment, sequence diversity, and predicted "developability" (e.g., avoiding aggregation or immunogenicity).
• Cross-Functional Collaboration: Act as the primary bridge between data and the bench. You will partner closely with wet-lab scientists to interpret screening results and provide rapid feedback to iterate on experimental designs.
• Literature & Tech Scouting: Proactively perform literature surveys and technical "benchmarking" to keep the team informed on the latest developments in AI-driven antibody discovery and NGS methodology.
• Pipeline Evolution: Maintain and improve our Python-based codebase, ensuring it is flexible enough to incorporate new algorithms or public datasets as the field evolves.

スキル・資格

[Required Qualifications]
• Education: Master’s degree or higher in Life Sciences, Bioinformatics, or a related field (or equivalent practical experience).
• Experience: At least 4 years of research experience in bioinformatics, with a strong emphasis on protein sequence analysis.
• Programming: High proficiency in Python and its data science ecosystem (pandas, NumPy, Biopython, Scikit-learn).
• Communication: Exceptional ability to communicate complex computational findings to non-specialists. You should be comfortable presenting data to diverse teams and stakeholders.
Strategic Thinking: A proven track record of staying up-to-date with academic and industry trends; ability to conduct independent research/surveys to solve novel biological problems.
• Soft Skills & “Startup Fit”
Adaptability: You thrive in a fast-paced environment where priorities can shift based on the latest lab results.
• Collaboration: You are a proactive team player who values collective success over individual coding tasks.
• Curiosity: You have a genuine passion for immunology and a desire to understand the “why” behind the data.
• Business level / Fluent English

[Preferred Qualifications]
• Published papers in computational biology conferences/journals.
• Experience with molecule or protein design.
• Experience in a biotech or pharmaceutical R&D setting.

会社説明