VALDOSPAN
PHARMACEUTICALS

RDP
RDP Pharma AG

Valdospan GmbH is an Austrian-based company with core competences in the field of oncology among others. Our company specializes in the research and development of innovative therapeutic products for the treatment of malignant tumors. Our aim is to develop therapeutics with the goal of establishing ourselves as a fully integrated Austrian biotech company.

We are seeking a highly motivated Computational Scientist to join our dynamic team focused on drug discovery. This full-time role is ideal for someone with a strong background in mathematics, physics, or computational sciences, and a keen interest in structural biology and chemistry. The Computational Scientist will work closely with our research teams to develop and optimize computational models that accelerate novel drug candidate development.

Computational Scientist
(f/m/d) (40 h / Week)

Place of work will be our Biology R&D department close to Vienna, Austria at 3430 Tulln an der Donau.

Your responsibilities:

Research and Experimentation:

- Design and implement computational methods (protein modeling, protein-protein docking/folding) to support drug discovery projects
- Develop and refine machine learning (ML) models for biological and chemical datasets
- Collaborate with experimental teams to interpret modeling results and guide laboratory studies

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Method Development:

- Identify and adapt new computational tools and workflows for protein modeling, docking, and structure-based drug design.
- Evaluate and integrate cutting-edge software solutions or in-house scripts (Python, C++)
- Ensure thorough documentation of computational protocols and maintain clear, organized data records

Data Analysis and Interpretation:

- Analyze experimental data, identify trends, and troubleshoot complex scientific problems.
- Provide clear and accurate reports of findings, highlighting key insights and next steps.

Team Support and Troubleshooting:

- Provide training for colleagues on relevant tools and approaches

Quality Control:

- Maintain high standards for model quality, reproducibility, and validation. Document computational methods and outcomes to ensure transparent, accurate results

Collaboration with Leadership Team:

- Work with leadership to align computational efforts with broader R&D goals
- Contribute to planning, resource allocation, and project updates

Your qualifications:

- Master's degree (or higher) in Physics, Mathematics, Computational Biology, or a related field
- Basic understanding of structural biology, chemistry, and drug discovery processes (preferably through computational approaches)
- Ability to design and train machine learning models for biological or chemical applications
- Experience with protein modelling, docking, molecular dynamics or related computational tools
- Hands-on programming skills in Python; familiarity with C++ is a plus
- Strong problem-solving skills and adaptability
- Excellent communication skills in English, with the ability to present complex data to interdisciplinary teams
- Self-starter mentality with a proactive, solution-oriented approach

Additional Qualities (Desirable):

- Familiarity with high-performance computing environments
- Experience collaborating with experimental scientists to validate and refine computational predictions
- Interest in emerging trends in computational drug discovery

Earliest possible starting date 1st of March. We are legally obliged to state the theoretical minimum monthly gross salary, which is € 2807 for a full-time position, according to the "Kollektivvertrag für Angestellte und Lehrlinge in Handelsbetrieben, Beschäftigungsgruppe: F". The actual salary is based on individual qualifications and work experience.

We offer an open, friendly, collaborative, and supportive work environment within an international, cutting-edge drug development company. There are opportunities to work on innovative projects with a direct impact on the development of novel drug candidates, as well as professional development opportunities in a growing and dynamic field.

Our supportive and motivated team is looking forward to your application (CV, cover letter). Please send the documents to **hr@valdospan.com** with the reference VS-JO-2025-B11.