

AD Product Manager, HPC & Computational Science Environments

Job ID
REQ-10009412
Jul 03, 2024
Switzerland

Summary

The Scientific Data and Products (SDP) group in RX builds and applies excellence in product and data management to continuously improve the impact and value of software and data to Biomedical Research. We deliver intuitive, intentional, and integrated software solutions that create a frictionless user experience. As Product Manager Computational Science Environments, you play a leading role in defining the future of our Research Dry Lab – a fully integrated combination of high-performance computing (HPC) environments, internally built systems and industry standard software, with a focus on applications that comprise the computational environments for community of data and computational scientists engaged in Computer-Aided Drug Discovery (CADD), Structural Biology, Bioinformatics, Image Analysis, and Modeling & Simulation.

About the Role

Key responsibilities:

You combine your knowledge computational science and high-performance computing applied to drug discovery with your matrix leadership skills to manage and evolve a high-impact product consisting of a portfolio of computational science software applications. Together with a Product Operations Manager and an Engineering Lead, you will co-lead a matrixed product team, ensuring the initiatives you lead contribute to an intentional, integrated, and capability-based product architecture and continuously increase the value to drug discovery in BR.

- You provide strategic context and focus to the teams, act as facilitator to prioritization, and cultivate good team-based decision-making practice to increase the value of the Product towards the strategic mandate of your Product Line.
- You actively and transparently manage, and communicate to, all key stakeholders to co-create visions and roadmaps for the initiatives you lead, and you define how we measure their success and value delivery. This includes partnering with our corporate IT HPC Team to actively engage with multiple providers as well as the large community of system users.
- You shape your teams' culture and processes for success by exemplifying excellence in leadership and product management.

Role Requirements

You are a quick learner and enjoy rapidly developing new expertise and establishing new connections and relationships. You are passionate about and experienced in product management in complex business

environments and have an intrinsic drive to improve the quality, speed, and impact of scientific research by providing exceptional computational science environments and applications.

In addition, you bring many of the following expertise and capabilities, and the drive to grow into the rest:

- Leading effectively in a co-leadership model inside of a global matrix organization.
- Ability to effect change, manage conflict, and create consent through direct and indirect influence.
- Domain expertise in a core drug discovery computational science discipline such as: CADD, Structural Biology, Bioinformatics, Image Analysis, Modeling & Simulation.
- Experience in managing complex HPC environments.
- Technical computational understanding, including Linux expertise, HPC modules & schedulers, AWS, and SaaS.
- Creativity in identifying, encouraging, and accelerating innovative solutions.
- Expertise with large-scale data management and FAIR data principles in the context of computational science.
- Agile mindset and experience with Agile software development.
- 7+ years of experience in computational science related role in a drug discovery matrixed environment.

Why Novartis: Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us! Learn more here: <https://www.novartis.com/about/strategy/people-and-culture>

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Commitment to Diversity & Inclusion: Novartis is committed to building an outstanding, inclusive work environment and diverse teams representative of the patients and communities we serve.

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Division
Biomedical Research
Business Unit
Pharma Research

Location
Switzerland
Site
Basel (City)
Company / Legal Entity
C028 (FCRS = CH028) Novartis Pharma AG
Functional Area
Research & Development
Job Type
Full time
Employment Type
Regular
Shift Work
No
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Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

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