

AD Product Manager, HPC & Computational Science Environments

Job ID
REQ-10004636
Sep 25, 2024
USA

Summary

Location: Cambridge, MA #LI-Hybrid

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.

This position will be located at the Cambridge, MA site and will not have the ability to be located remotely. This position will require 10% travel as defined by the business (domestic and/ or international).

The pay range for this position at commencement of employment is expected to be between \$166,400.00 and \$249,600.00 per year; however, while salary ranges are effective from 1/1/24 through 12/31/24, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an “at-will position” and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

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 subject area 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 approach 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>

You’ll Receive: You can find everything you need to know about our benefits and rewards in the Novartis Life Handbook. <https://www.novartis.com/careers/benefits-rewards>

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.

Join our Novartis Network: If this role is not suitable to your experience or career goals but you wish to stay connected to hear more about Novartis and our career opportunities, join the Novartis Network here: <https://talentnetwork.novartis.com/network>

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve breakthroughs that change patients' lives. Ready to create a brighter future together? <https://www.novartis.com/about/strategy/people-and-culture>

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Benefits and Rewards: Read our handbook to learn about all the ways we'll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers who are focused on building and advancing a culture of inclusion that values and celebrates individual differences, uniqueness, backgrounds and perspectives. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status. We are committed to fostering a diverse and inclusive workplace that reflects the world around us and connects us to the patients, customers and communities we serve.

Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

Division

Biomedical Research

Business Unit

Pharma Research

Location

USA

Site

Cambridge (USA)

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Alternative Location 1

Basel (City), Switzerland

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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