

AI Specialist, Biomedical Research

Job ID
REQ-10054709

6月 12, 2025

USA

摘要

The AI Specialist in Biomedical Research (BR) is a unique role at Novartis that intends to attract the best early career talent in AI to tackle human disease. As a leading pharmaceutical company, Novartis is committed to meet the rising global demand for AI research and leadership in the Life Sciences.

This role is part of a new program that offers training opportunities for individuals leveraging a strong background in AI to the continuum of drug discovery and development. AI Specialists in Biomedical Research at Novartis will be part of a multi-disciplinary team working on cutting-edge projects to discover new lifesaving and life-changing medications, helping people across the world, thus reimagining medicine, together.

#LI-Hybrid

Applications should be submitted by June 29, 2025

About the Role

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Be a part of our exciting early career program and apply your expertise in Artificial Intelligence to improve the lives of others! In this 12-24-month program, you will contribute to cutting-edge drug discovery by building and leveraging advanced AI models. Expand your professional network, help shape how the next advanced medicines are discovered and thrive in our collaborative and dynamic environment.

AI Specialists execute projects under the guidance of a BR AI scientist for 12-24 months. This 12-24 month program will be focused on tackling specific Use Cases within Biomedical Research across our labs in Cambridge, Massachusetts.

Key Responsibilities

- Design, develop, and evaluate novel deep neural network architectures to solve the scientific problem at hand.
- Communicate and present results to both deep technical experts, as well as non-technical subject matter experts.
- Help deploy and drive engagement and adoption throughout the broader scientific and data science communities in BR.
- Drive AI initiatives by working effectively with cross-functional teams, including R&D, IT, and business units

Essential Requirements

- Postgraduate degree in Statistics, Physics, Computer Science, or Applied Mathematics
- Experience executing and delivering AI driven projects
- Excellent verbal and written communication skills to articulate complex AI concepts to non-technical stakeholders
- Proficiency with algorithm development, deep neural network creation and evaluation, model deployment and evangelism
- Identify problems where to apply AI solutions
- Data stewardship: ability to work with big and complex datasets, assemble, and prepare data for AI use.
- Deep Neural Networks: expertise in architecting and delivering deep models from end to end
- Collaboration: eagerness to work with people from a variety of backgrounds – from technical to scientific to executive management
- Communication: willingness to learn how to tailor communications and presentation to the audience involved

The salary for this position is expected to range between \$ 93,800 and \$ 174,200 per year.

The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

To learn more about the culture, rewards and benefits we offer our people click [here](#).

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>

Join our Novartis Network: Not the right Novartis role for you? Sign up to our talent community to stay connected and learn about suitable career opportunities as soon as they come up: <https://talentnetwork.novartis.com/network>

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>

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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.

部门

Biomedical Research

Business Unit

Universal Hierarchy Node

地点

USA

状态

Massachusetts

站点

Cambridge (USA)

Company / Legal Entity

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

Functional Area

Data and Digital

Job Type

Full time

Employment Type

Regular

Shift Work

No

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