NOVARTIS

AI Specialist in Biomedical Research

Job ID
REQ-10079623

6月 03, 2026

Switzerland

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.

About the Role

Be a part of our exciting early career program and apply your expertise in Artificial Intelligence to improve the lives of others! In this 18-24-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 18-24 months. This 18-24 month program will be focused on tackling specific Use Cases within Biomedical Research across our labs in Basel, Switzerland with the goal of having the individual promoted to a higher level at the end of the program.

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

· Master or PhD 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

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

Benefits and Rewards: Learn about all the ways we ' ll help you thrive personally and professionally. Read our handbook (PDF 30 MB)

部门
Biomedical Research

Business Unit
Research

地点
Switzerland

站点
Basel (City)

Company / Legal Entity
C028 (FCRS = CH028) Novartis Pharma AG

Functional Area
Data and Digital

Job Type
Full time

Employment Type
Regular

Shift Work
No

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