TM Academy fellow in Data Science in Preclinical Safety

Job ID
REQ-10038926

2   04, 2025

Switzerland

As a Translational Medicine (TM) Academy fellow in Translational Data Sciences in Preclinical Safety, you will join Novartis' Translational Medicine Unit for a 2 year period to help us to unleash the power of data science to enhance drug discovery and development.
TM plays a pivotal role in bringing innovative medicines to patients, by building on research advances to develop new therapies, and bridging drug discovery and clinical application.

About the Role

As a Translational Medicine (TM) Academy fellow in Translational Data Sciences in Preclinical Safety, you will join Novartis' Translational Medicine Unit for a 2 year period to help us to unleash the power of data science to enhance drug discovery and development.
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Duration of program: 24 months
Program start: September 2025
Applications are open until 03 March 2025 included.

Job description:

You are a passionate and curious data scientist, eager to bring creative solutions and novel perspectives to biology's most daunting challenges and to join our journey to reimagine medicine. Working alongside dedicated physicians and scientists, our data scientists provide analytical insights that drive translational medicine success.

Through the TM Academy, you will gain valuable training and experience within an international multi-cultural Biomedical Research environment. In parallel to your Academy learning, your core focus will be to contribute to the Preclinical Safety group within Translational Medicine, working in one or more of our global inter-disciplinary teams including Translational Toxicology, Mechanistic & Predictive Safety, Pathology and Therapeutic Area Safety Assessment. Your contributions will support project teams throughout the Research & Development lifecycle spanning a diverse range of disease areas and therapeutic modalities.

TM Academy is designed for individuals with diverse backgrounds and experiences:

- **Career starters:** recent University degree graduate within the past 2 years (e.g. e.g. MSc or PhD or equivalent experience in quantitative field including computational sciences, physics, mathematics, bioengineering, economics, computational biology, machine learning, data science)
- **Career changers:** professionals with experience from a different field
- **Career relaunches:** professionals wanting to return to work after a career break

During the TM Academy you will have the opportunity to:

- Be trained and onboarded by experts
- Embark on a progressive, blended and flexible learning experience covering conceptual, theoretical and experiential techniques
- Gain hands-on experience by contributing to and supporting a range of translational medicine activities
- Broaden your professional horizon by doing a deep dive within one of the TM groups aligned with your interests and based on opportunities

Role requirements:

- interest in translational sciences including drug safety, pharmacokinetics and biomarkers
- university degree (e.g. MSc or PhD or equivalent experience in quantitative field including computational sciences, physics, bioengineering, mathematics, economics, computational biology, machine learning, data science)
- business-level English; oral & written

- good organizational and interpersonal skills
- ability to work in a team and independently, managing multiple priorities with support
- strong data science skills including machine learning and statistical techniques

Are you interested? - Submit your CV and motivation letter explaining your profile and interest in English to https://www.novartis.com/careers

Refugees with a valid S Swiss permit are also welcome to apply.

Accessibility and accommodation
Novartis is committed to working with and providing reasonable accommodation to all individuals. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the recruitment process, or in order to receive more detailed information about the essential functions of a position, please send an e-mail to diversity.inclusionch@novartis.com and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

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

Biomedical Research

Business Unit
Pharma Research

Switzerland

Basel (City)

Company / Legal Entity
CO28 (FCRS = CHO28) Novartis Pharma AG

Functional Area
Others

Job Type
Full time

Employment Type
Early Career (Fixed Term)

Shift Work
No

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