

Translational Medicine Academy fellow in Preclinical Safety - Data Science

Job ID

REQ-10077055

май 04, 2026

Швейцария

Сводка

Novartis is a place where bright, curious minds combine to solve the world's toughest healthcare challenges and reimagine medicine together. It's an inspiring environment for aspiring talent. For those embarking on a career in innovative medicines or moving into the industry it's an opportunity to gain early exposure, experience and insights that are hard to find anywhere else.

Biomedical Research's global Translational Medicine (TM) group builds on basic research advances to develop new therapies that address unmet medical need. We are the crucial bridge between drug discovery and clinical application. Through our work, we increase the speed, quality and productivity of drug discovery and development by Novartis and play a pivotal role in bringing innovative medicines to patients.

Help us to unleash the power of translational safety science for drug discovery and development, bringing innovative medicines to patients, by building on research advances to develop new therapies, and bridging drug discovery and clinical application.

The TM Academy is a cross-functional program within TM designed for career starters, career changers, and career relaunchers. If you are ready for two transformative years to gain hands-on experience in a diverse, multicultural, global and inclusive environment in early drug development and clinical trials, contributing to innovative programs and projects that help bring breakthrough treatments closer to patients worldwide, then this is the opportunity for you!

About the Role

This advert is exclusively for Preclinical Safety – Data Science within the TM Academy. Other TM Academy roles are advertised separately under:

- **REQ-10076855** – TM Academy Clinical Science & Innovation (CS&I)
- **REQ-10077029** – TM Academy Pharmacokinetic Sciences (PKS) Modeling & Simulation
- **REQ-10077246** – TM Academy Fellow in Biomarker Development
- **REQ-10076845** – TM Academy Biomarker Development Laboratory Excellence and Operations (BMD LEO)

Location: Basel, Switzerland

Duration of program: 24 months

Program start: 01 September 2026

Applications are open until 17-May-2026 included.

By submitting your application, you confirm that you would be available to begin the program on 01-September, with final selection decisions expected to be communicated by end of June/early July.

Please note that we can only accept applicants who are eligible to work in Switzerland.

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

- Career starters: recent university degree graduate within the past 2 years

- Career changers: professionals with experience from a different field
- Career relaunchers: professionals wanting to return to work after a career break

JOB DESCRIPTION

Your journey begins with a basecamp: 4-week immersive blended experience designed to introduce you to our organization, the drug development process, the various departments in Translational Medicine, the clinical trial process and the tools and technical platforms needed for your work.

Throughout the program, fellows reunite for continuous learning focused on soft skills, cross-functional exposure, and thematic introduction series - broadening your perspective beyond your immediate team and function.

As TM Academy fellow in PCS Data Science, you will have the opportunity to gain knowledge and contribute to 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.

During the TM Academy you will...

- build a strong foundation in translational medicine with support from industry experts
- embark on a progressive, blended and flexible learning experience covering conceptual, theoretical and experiential techniques
- be part of a global network of supportive peers and mentors who will guide you to work and collaborate on meaningful projects that shape the future of medicine
- gain hands-on experience by contributing to and supporting a range of activities in translational safety assessments using computational approaches
- broaden your professional horizon by doing a deep dive in different areas aligned with your interests and based on open opportunities
- have the opportunity to teach back and mentor new fellows

Role requirements

Candidates should have:

- Demonstrated experience in working with large-scale biological datasets (e.g., genomics, transcriptomics, imaging, preclinical/clinical data)
- MSc or PhD or equivalent experience in quantitative field (computational sciences, physics, mathematics, economics, computational biology, machine learning, data science or related field)
- Strong programming skills in python/R, including agentic coding
- Strong grasp of statistics and machine learning
- Experience with reproducible data science tools and practices
- Fluency in business-level English; oral & written
- Good organizational, interpersonal, collaboration, and communication skills
- Ability to work in a team and independently, managing multiple priorities with support

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.inclusion_ch@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](#)

Benefits and Rewards: Learn about all the ways we'll help you thrive personally and professionally.

[Read our handbook \(PDF 30 MB\)](#)

Дивизион

Biomedical Research

Business Unit

Research

Место

Швейцария

Сайт

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Others

Job Type

Full time

Employment Type

Early Career (Fixed Term)

Shift Work

No

Job ID

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