

# TM Academy Fellow in BioMarker Development

Job ID  
REQ-10043105  
Mar 04, 2025  
Switzerland

## Summary

At Translational Medicine, we are committed to bringing breakthrough medicines to patients and bridging the gap between research and clinical application. 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. At TM, our work directly impacts patients worldwide.

During this intense 2-year program, you will receive training and mentorship, with the empowerment to learn and work in a diverse, multicultural, global and inclusive environment where innovation and revolution in medicine become a reality. If you are ready for a transformative experience and want to make a real impact on the lives of millions, then this is the opportunity for you!

Duration of program: 24 months  
Program start: September 2025  
Applications are open until 03 April 2025

## About the Role

During the 2-year fellowship program in the Molecular and Cellular Sciences soluble biomarker group, you will be trained in and have access to state-of-the-art biomarker technologies and learn the basic principles of Biomarker Context of Use and fit for purpose Biomarker validation. You will have the chance to develop and implement innovative biomarker solutions to address key scientific and clinical questions, such as target engagement, proof of mechanism, biology, safety, and efficacy understanding.

You will collaborate with global cross-functional biomarker matrix teams to execute fit-for-purpose biomarker plans, implement internal and external biomarker activities, deliver high quality data and enable impact in early and late clinical development phases.

Your responsibilities will include, but not limited to:

1. Gain familiarity with innovative biomarker technologies used in clinical research.
2. Cross training on a variety of biomarker technologies, such as Ligand Binding Assay (ELISA, MSD, SIMOA, ELLA, Olink, NULISA) or Liquid Chromatography-Mass Spectrometry or other state of the art technologies (genetic, genomic, flow cytometry).
3. Drive the identification, development, validation and application of new biomarker modalities (e.g, extracellular vesicles) and innovative technologies (e.g, spatial/single cell proteomics) to overcome existing limitations.
4. Execute biomarker plan and successfully implement biomarker activities (internally and/or at external

vendors) to support clinical studies.

5. Generate and interpret data to enable proof of mechanism, dose selection & proof of biology across early clinical programs and present results at internal meetings.

6. Ensuring quality and timely delivery of data generated through outsourced activities.

7. Contributing to support protocols and writing quality reports and laboratory manuals.

**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 relaunches:** professionals wanting to return to work after a career break

**During the TM Academy you will**

- 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 clinical operations work tasks
- broaden your professional horizon by doing deep dives in different areas aligned with your interests and based on open opportunities, such as Clinical Trial Team Leads, Finance, Feasibility, Data Sciences and others

**Minimum Requirements:**

- Recent graduate (advanced degree e.g., PhD, PharmD, MSc.) in laboratory/clinical or related fields ideally with some experience in laboratory analysis (e.g., but not limited to Immunoassays, Mass Spectrometry), data science
- Knowledge of fundamental concepts in molecular biology, cellular biology, statistics, and bioinformatics including biological databases and web tools would be an advantage
- Prior exposure to clinical trials would be an advantage
- Passion, curiosity to explore novel technologies, develop innovative biomarker solutions, investigate the science of the disease and compound, and interpret the conclusion related to biomarker data?
- Keep up to date with scientific research and new technologies to contribute to innovation in the field
- Curiosity and openness to work in a matrix organization and collaborate with cross functional global team
- Excellent communication and presentation skills

**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.inclusion\\_ch@novartis.com](mailto: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>

**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:  
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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>

Division

Biomedical Research

Business Unit

Pharma Research

Location

Switzerland

Site

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

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