

# Discovery Postdoctoral Fellow

Job ID  
REQ-10033476  
Dec 10, 2024  
Switzerland

## Summary

The postdoctoral candidate will independently design and perform in vitro experiments with murine and human samples and also in vivo experiments to investigate the role of skin resident memory T cells in inflammatory skin diseases.

## About the Role

### Major accountabilities:

- Independently design and execute in vitro experiments using both murine and human immune cells from skin
- Independently perform murine in vivo experiments in mechanistic mouse models
- Generate multi-omics (e.g. protein, sequencing) data sets on cells from skin tissue (murine and human)
- Analyse multi-omics data sets and continuously evolve analysis skills.
- Conduct innovative, interdisciplinary translational research to publish results in leading journals

### Minimum Requirements:

- PhD in immunology or cellular biology (PhD students in the last year of their thesis work, are eligible to apply)
- Strong publication record in the area of immunology and/or resident memory T cells
- Excellent analytical, communication, presentation and organizational skills
- Candidates must be able to work independently as well as with interdisciplinary teams
- Experience and knowledge in the field of tissue resident memory T cells, T cell fate and T cell exhaustion

### Skills:

- Strong expertise in flow cytometry, murine and human immune cell isolation and manipulation (culture, stimulation, analysis)
- Experience with murine and/or human skin, as well as basic molecular biology techniques
- First experience and computational skills (e.g. R, Python, analysis of big data) to analyze own data sets

### Languages :

- English

### 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>

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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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