Discovery Postdoctoral Fellow

Job ID
REQ-10033476

12   10, 2024

Switzerland

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,   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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Biomedical Research

Business Unit
Pharma Research

Switzerland

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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