

Discovery Postdoctoral Fellow in Chronic Kidney Disease

Job ID
REQ-10053368

5月 28, 2025

Switzerland

摘要

We are thrilled to open applications for our Discovery Fellowship track of the Novartis Postdoctoral Fellowship Program.

About the Role

Come join Novartis Biomedical Research as a Discovery Postdoctoral Fellow
and help elucidate the metabolic aspects of chronic kidney disease onset and progression.

You will be part of our Disease Area X team in Basel, Switzerland

Chronic kidney disease (CKD) is a leading global health problem with a significant unmet medical

need. CKD affects approximately 10% of the population worldwide and is expected to become the fifth leading cause of death in the upcoming decades. As a Discovery Postdoc you will have the opportunity to support our interdisciplinary efforts aimed at understanding the underlying metabolic alterations leading to disease onset and progression. You will apply state-of-the-art in vitro cellular models and characterize novel genetic mouse lines to investigate metabolic dysfunction and reprogramming in renal cell sub-populations upon injury. By leveraging cutting-edge -omics technologies you will have the opportunity to uncover novel mechanisms and pathways in CKD progression. As a Discovery Postdoc you will aim at publishing your findings in high-impact journals.

As part of the Discovery Fellowship track of the Novartis Postdoctoral Fellowship Program, you will join our vibrant, dedicated postdoctoral community for events, including the monthly postdoc seminars and other scheduled events for postdocs. Fellows are surrounded by a supportive, collaborative community of postdocs and scientists, who would contribute to the acceleration of your scientific growth. This applied research program is up to 3 years in length, with the option of applying for an extension of up to 1 year (pending review by the Head of Biomedical Education & Innovation and the postdoc supervisor)

Through the Novartis Postdoctoral Fellowship Program, you will build your competency as a drug hunter, and as a scientific leader in the field. You will join a professional network that will support your growth as a research scientist, and you will have the opportunity to tackle disease and make an impact, by reimagining medicine together.

Start date: September 1st 2025

Key responsibilities

As a Discovery Postdoctoral Fellow, you will:

- Work independently as well as with interdisciplinary teams
- Integrate in vitro and in vivo experimental findings with -omics data
- Deepen our understanding of metabolic reprogramming and alterations in renal cells
- Unravel novel mechanisms and pathways in CKD onset and progression
- Enable team success with a curious, proactive, enthusiastic and collaborative spirit

Role Requirements:

- PhD in cell biology or a related field
- Note that PhD students in the last year of their thesis work are eligible to apply. Applicants are only eligible to apply up to 2 years from the date of receiving their PhD (i.e. PhD degrees must have been awarded May 2023 or later).
- Strong, hands-on in vitro (primary and / or complex cellular models) and in vivo expertise
- Experience in analyzing spatial-, single-cell- and / or other -omics datasets is considered a

plus

- Strong publication record or other scientific achievements (i.e. awards, patents, grants)
- Excellent analytical, communication, presentation and organizational skills
- Passion for fundamental exploratory research and boundless curiosity
- Fluency in English (oral and written)

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>

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部门

Biomedical Research

Business Unit

Pharma Research

地点

Switzerland

站点

Basel (City)

Company / Legal Entity
C028 (FCRS = CH028) Novartis Pharma AG

Functional Area
Research & Development

Job Type
Full time

Employment Type
Temporary (Fixed Term)

Shift Work
No

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Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.



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