

# Senior Scientist - Discovery & Translational Pharmacology (80-100%\*)

Job ID  
REQ-10004483  
Oct 24, 2024  
Switzerland

## Summary

Location: Basel, Switzerland  
Full time, onsite, #LI-onsite

Disease Area X, a department within the Biomedical Research (BR) group of Novartis, focuses on diseases of critical human organs, including kidney, lung, and liver. We are seeking a scientist to join our interdisciplinary pharmacology team (Discovery and Translational Pharmacology) in support of our efforts to progress novel medicines toward the clinic, with an emphasis on renal diseases. In this role, you will work independently to design and implement *in vivo* and *ex vivo* studies for target identification, and for testing and validation of novel medicines.

## About the Role

### Your responsibilities include, but are not limited to:

- Conducting experiments with animal models of kidney and other diseases of interest to DAx: administering candidate therapeutics to experimental animals, making clinical observations, and harvesting samples for the evaluation of drug levels, histology, and molecular endpoints.
- Independently implement and analyze *ex-vivo* bio-analysis on generated samples.
- Work independently to design, execute and analyze high quality *in vivo* studies in line with project needs and timelines.
- Support the development of new *in vivo* models and readouts for kidney diseases.
- Collaborate with multidisciplinary teams to design studies that assess pharmacodynamics and efficacy of therapeutic candidates in preclinical models.
- Independently design, execute, and analyze experiments, interpret data from different sources, draw relevant conclusions, and document and present data.
- Identify problems and propose solutions, while contributing to report writing.
- Work in compliance with the Novartis Code of Conduct and in accordance with Novartis guidelines on health and safety and data recording.

### Essential Requirements:

- B.S. or M.S. degree in a scientific discipline with a minimum of 4 years related laboratory experience in an academic or industrial drug discovery setting in an *in vivo* role. Please note that we do not require a PhD level candidate for this position at this time.
- Knowledge and hands-on experience with *in vivo* rodent research, as well as certifications for carrying out

animal experiments (LTK Module 1 or 2 or a different FELASA Cat. B, C accredited course).

- Proficiency with *in vivo* procedures in rodents including multiple dose routes of administration, blood/tissue collection and necropsies.
- Experience with biochemical assays (e.g. ELISA, qPCR, Western blotting etc.) and/or tissue culture/cell biology, plus experience in complex cellular models and/or *ex vivo* systems or explants.
- Strong ability to multi-task and adapt to new procedures and projects.
- Has curiosity and is able to identify complex problems and provide innovative solutions.
- Strong organizational skills, self-motivation, attention to detail, flexibility, proactive willingness and desire to engage in the laboratory workflow.
- Team oriented and collaborative work ethic.
- Self-awareness and desire to develop your skills further.
- Excellent oral and written communication skills in English, German desirable.

### **Desirable Characteristics:**

- Experience with rodent models of chronic kidney disease.
- Experience in complex cellular models and/or *ex vivo* systems or explants.

### **Why Novartis:**

Our purpose is to reimagine medicine to improve and extend people's lives and our vision is to become the most valued and trusted medicines company in the world. How can we achieve this? With our people. It is our associates that drive us each day to reach our ambitions. Be a part of this mission and join us!

Learn more here: [https://www.novartis.com/about/strategy/people and culture](https://www.novartis.com/about/strategy/people-and-culture)

We offer plentiful benefits, state-of-the art facilities and helpful resources – all designed to help you thrive personally as well as professionally. You can find everything you need to know about our benefits and rewards in the Novartis Life Handbook. [https://www.novartis.com/careers/benefits rewards](https://www.novartis.com/careers/benefits-rewards)

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\*Restrictions on working flexibility may apply to this position and can be discussed at interview as required

### **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 [inclusion.switzerland@novartis.com](mailto:inclusion.switzerland@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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**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

Research & Development

Job Type

Full time

Employment Type

Regular

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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6. [https://novartis.wd3.myworkdayjobs.com/en-US/Novartis\\_Careers/job/Basel-City/Senior-Scientist---Discovery---Translational-Pharmacology--80-100---\\_REQ-10004483](https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Basel-City/Senior-Scientist---Discovery---Translational-Pharmacology--80-100---_REQ-10004483)