

# Principal Scientist - Kidney diseases & Nephrology (80-100%\*)

Job ID  
REQ-10006951  
Mai 15, 2024  
Suisse

## Résumé

Location: Basel, Switzerland Full time, onsite, #LI-Onsite We are seeking motivated scientist with expertise in nephrology to join a vibrant research team focused on finding new transformative therapies for people living with renal disease. In this role, you will be responsible for driving research program(s) focused on delineating the key mechanisms involved in proteinuric kidney diseases and progressing new targets towards drug discovery. This individual will join the Renal Research team within Disease Area X (DAX) in Biomedical Research and report to the Head of Renal Research.

## About the Role

### Key responsibilities:

- Principal Scientist I: Formulates and leads/co-leads novel projects with team or enables matrix collaboration on project/technology solutions to achieve creative results for impact on Division goals.
- Contribute to the Biomedical Research drug discovery process with the goal of progressing the development of new therapeutic options for patients with chronic kidney diseases.
- Formulate novel target hypothesis based on human disease mechanisms using deep and broad scientific expertise in renal physiology and pathophysiology of proteinuric kidney diseases.
- Design and execute in vitro and in vivo research plans to interrogate target biology and progress drug discovery for novel targets across multiple therapeutic modalities.
- Deliver impact to projects by identifying technical trends and applying specialized scientific knowledge and advanced laboratory techniques.
- Enable partnerships with data scientists, external partners, and individuals across Biomedical Research Disease Areas and platform functions.
- Develop and communicate project strategy, scientific vision, and data to key stakeholders.

### Minimum Requirements:

### What you will bring to the role:

- A PhD and/or MD degree with postdoctoral experience and a minimum of two years of research in renal biology and physiology, preferably in the pharmaceutical or biotechnology industry.

**Skills:**

- In-depth knowledge of kidney (patho-)physiology, including cultivation and analysis of complex renal cell-based platforms, e.g. 3D kidney organoids, primary 2D/3D endothelial or epithelial cell systems. Prior experience in targeted delivery via multiplicity of modalities desired
- Extensive “hands-on” experience and proven track-record in the use of a wide range of cellular, biochemical and genome editing methods and technologies to unravel complex cellular signaling pathways and cellular pathological features.
- Experience in using multi-omics and/or patient data for target, cellular addresses and pathway identification.
- Hands-on experience in progressing drug discovery projects to pre-clinical studies, including designing and executing fit-for-purpose drug discovery flow charts and enabling deep mechanistic and pharmacological characterization of lead candidates.
- A proven scientific impact on innovation through a solid publication track record and strong external scientific network with academic experts.
- Excellent oral and written communication skills (in English) are essential.
- Team orientated and collaborative work ethic.
- Demonstrated ability to coach and empower others including development of early career scientists, as well as capacity to lead a team of peers.

**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 [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.

*\*Please note that restrictions on flexible working may apply and will be discussed at interview stage if applicable*

**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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