

# Research Scientist - Neuroscience (60-70%\*)

Job ID  
REQ-10029829  
Dec 04, 2024  
Switzerland

## Summary

The Neuroscience Department within BioMedical Research at Novartis Pharma AG in Basel, Switzerland, is searching for a motivated and experienced Research or Senior Scientist. This individual will assume a hands-on role within the in vivo neuroinflammation team and contribute to several research projects focused on the development of new therapies for neurodegenerative disorders, potentially helping improve the lives of millions of patients worldwide suffering neurodegenerative illnesses and conditions.

The main focus will be on novel neuroimmune cell pathways to elucidate the mechanisms at the molecular, cellular and ex vivo/in vivo level.

Joining our team you will independently but with close collaboration with the other members of the Neurosciences group plan, execute, document, analyze and interpret experiments.

\*Please note that this is a part time job share position with a maximum 70% working time

## About the Role

### Your responsibilities will include:

- Designing, conducting and protocolling independently in vivo studies with specific focus on neuroinflammatory pathways
- Establishment of new in vivo models for neuroinflammatory/neurodegenerative diseases
- Performing and interpreting ex vivo analyses with emphasis on histology, biochemistry, FACS and molecular biology
- Development and execution of in vitro cellular assays for assessing inflammatory processes
- Presenting data and putting it in a complex context
- Supporting general laboratory duties

### Your profile:

- University degree (MSc) or equivalent qualification, preferably in neuroscience, immunology, cell biology.  
\*Please note that PhD candidates will not be considered for this position\*
- Minimum 2-3 years relevant lab based work experience in an industrial or academic setting
- Previous experience in neuroscience drug discovery area would be an advantage.
- 60-70% job position
- Strong expertise in in vivo rodent work e.g. different routes of dosing, surgery, stereotactic brain injections, behavior, perfusion. Relevant animal experiment course available (e.g. LTK1)
- Experience in different histological methods, microscopy and image analyses

- Experience in RNA/DNA technologies and biochemistry, e.g. qPCR technologies, Westernblot
- Good knowledge of immunology and immunological methods such as flow cytometry, HTRF, ELISA
- Good knowledge in cell culture work, e.g. primary cells, iPSCs
- Used to evaluating large datasets, strong documentation capabilities and interest to use new informatics analysis tools
- Eager to learn and combine new techniques and concepts, to present results within the lab, to use and apply literature data, to perform exploratory activities and to work independently and as a team member
- Scientific curiosity, initiative, commitment, flexibility and good organization skills
- Track record of successful collaborations, open communication with different stakeholders, strong team player and networker
- Excellent oral and written 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.

**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?

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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

Research & Development

Job Type

Part time

Employment Type

Regulär

Shift Work

No

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