

## Ex Vivo Neuroscientist

Job ID  
REQ-10063926

10月 06, 2025

USA

### 摘要

The Neuroscience Disease Area within Biomedical Research at Novartis is a global research organization striving to develop impactful medicines for people living with severe neurological diseases. We are seeking a highly motivated scientist to join the Neuroscience DA in Cambridge, Massachusetts. This hands-on position will be to support project teams working on new therapies for neurodegeneration indications through the development of ex vivo models and evaluation of functional endpoints via electrophysiological and immunohistochemical studies. The successful candidate will interact with cross-functional project teams and therefore teamwork and good communication skills are key.

### About the Role

#LI-Onsite

Site: Cambridge, MA

The Neuroscience Disease Area within Biomedical Research at Novartis is a global research organization striving to develop impactful medicines for people living with severe neurological diseases. We are seeking a highly motivated scientist to join the Neuroscience DA in Cambridge, Massachusetts. This hands-on position will be to support project teams working on new therapies for neurodegeneration indications through the development of ex vivo models and evaluation of functional endpoints via electrophysiological and immunohistochemical studies. The successful candidate will interact with cross-functional project teams and therefore teamwork and good communication skills are key.

#### Key Responsibilities:

- Hands-on execution of cellular and network electrophysiological studies in cell culture and/or in brain slices to characterize molecules for potential therapeutic effects.
- Immunohistochemical analysis of protein expression in brain slices
- Optimization of experimental protocols for evaluation of functional measures
- Analyze, interpret data and present summary to project teams
- Write experimental protocols and record experiments in electronic notebook
- Present results in unit and department meetings
- Strong teamwork skills and a good lab partner

#### Essential Requirements:

- A minimum of a Bachelor ' s degree in Neuroscience or related discipline and a minimum of 4+ years of laboratory-based industrial or academic experience
- Hands-on experience working with rodents
- Familiarity with in vitro/ex vivo electrophysiology i.e. whole cell patch clamp, high throughput electrophysiology platforms, or extracellular field potential recordings
- Experience with immunohistochemistry or immunocytochemistry
- Interest in troubleshooting data anomalies to maintain high data quality
- Patience and attention to detail are essential
- Interest in learning about brain diseases, drug targets and new techniques
- Experience with statistical analyses and application to biological data
- Proficiency with Microsoft Office (Outlook, Excel and PowerPoint)
- Flexibility and willingness to occasionally adjust working hours as required by specific experiments

#### Preferred Qualifications:

- Priority will be given to candidates with experience in acute brain slice electrophysiology
- Familiarity with scientific/analytical software packages/platforms (e.g. IGOR Pro, Fiji, Graphpad, MATLAB, Python, R). Programming experience is a plus.

The salary for this position is expected to range between \$85,000 and \$158,000 per year.

The final salary offered is determined based on factors like, but not limited to, relevant skills and

experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits.

In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves

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>

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>

#### EEO Statement:

The Novartis Group of Companies are Equal Opportunity Employers. We do not discriminate in recruitment, hiring, training, promotion or other employment practices for reasons of race, color, religion, sex, national origin, age, sexual orientation, gender identity or expression, marital or veteran status, disability, or any other legally protected status.

#### Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to [us.reasonableaccommodations@novartis.com](mailto:us.reasonableaccommodations@novartis.com) or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

部门  
Biomedical Research

Business Unit  
Universal Hierarchy Node

地点  
USA

状态  
Massachusetts

站点  
Cambridge (USA)

Company / Legal Entity  
U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area  
Research & Development

Job Type  
Full time

Employment Type  
Regular

Shift Work  
No

[Apply to Job](#)



Job ID  
REQ-10063926

## Ex Vivo Neuroscientist

[Apply to Job](#)

---

Source URL:

<https://www.novartis.com.cn/careers/career-search/job/details/req-10063926-ex-vivo-neuroscientist>

List of links present in page

1. <https://www.novartis.com/about/strategy/people-and-culture>
2. <https://talentnetwork.novartis.com/network>
3. <https://www.novartis.com/careers/benefits-rewards>
4. <mailto:us.reasonableaccommodations@novartis.com>
5. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/Cambridge-USA/Ex-Vivo-NeuroscientistREQ-10063926-1>
6. <https://novartis.wd3.myworkdayjobs.com/en-US/NovartisCareers/job/Cambridge-USA/Ex-Vivo-NeuroscientistREQ-10063926-1>

