

PhD Opportunities in Neurobiology & Regenerative Medicine (Qualified NET-JRF or a similar national-level examination)

The Neurobiology & Regenerative Medicine Group at IISER Kolkata invites highly motivated students to apply for PhD positions

Research Overview:

- **Uncover fundamental principles of regeneration, development, and degeneration**
- Use **novel model organisms** to study cellular and genetic mechanisms
- **Translate discoveries into therapeutic strategies for:**
 - **Neurodegenerative diseases**
 - **Cardiovascular diseases**
 - **Related disorders**

Who Can Apply:

Applicants from diverse backgrounds, including **Life Sciences, Chemical Sciences, Physical Sciences, Engineering/Technology, Mathematics/Statistics, and Medicine**, are encouraged to apply. Projects use techniques from neurobiology, molecular biology, genetics, biochemistry, biophysics, molecular engineering, and computational/theoretical biology.

How to Apply:

- Apply through: https://apply.iiserkol.ac.in/phd/dbs_application.html
- For queries, contact subrata.pramanik@iiserkol.ac.in with your CV and a brief statement of research interests

Subrata Pramanik (<https://www.iiserkol.ac.in/web/faculty-details/subrata-pramanik>)

Assistant Professor, Department of Biological Sciences, IISER Kolkata

Academic Background:

1. Dr. rer. nat. (Doctor of Natural Sciences) / PhD in Biology, RWTH Aachen University, Aachen, Germany, 2020
2. Integrated MSc-PhD in Biomedical Science, Hanyang University, Seoul, South Korea, 2017
3. MTech in Pharmaceutical Technology, Jadavpur University, India, 2011
4. Bachelor of Pharmacy, Jadavpur University, Kolkata, India, 2009

Experience:

1. Assistant Professor, Department of Biological Sciences, IISER Kolkata (2026 - current)
2. Assistant Professor, Human Genetics Unit, ISI Kolkata (2025 - 2026)
3. Assistant Professor, School of Health Sciences and Technology, IIT Guwahati (2022 - 2025)
4. Postdoctoral Researcher, The Life Science Centre, Örebro University, Sweden (2021 - 2022)
5. Postdoctoral Researcher, Institute of Biotechnology, RWTH Aachen University, Aachen, Germany (2020)