

[Postdoctoral Scientist – Biology]

Location	Sonipat, Haryana (Delhi-NCR)
Department	[Biology / Mitra-Lab]
Reports To	[Kasturi Mitra]
Role Type	Contractual
Experience	[Fresh PhD]

ABOUT THE ROLE

A postdoctoral research position funded by India Alliance-DBT/ Wellcome Trust is available in the research group of Dr. Kasturi Mitra, Associate Professor, Indian Alliance Senior Fellow, Department of Biology at Ashoka University (<https://walk-talk-dream-mito.weebly.com>). The position is available for up to 1 year and can be extended based on annual review of performance and availability of funds. Salary and benefits are commensurable to prior experience and in accordance with Government of India guidelines. Selection will be conducted in two stages where applications will first go through an initial screening, followed by an online interview by a panel of scientists at Ashoka University. The earliest start date is Sept 1st, 2026.

ROLES AND RESPONSIBILITIES

- Study molecular connection between hypoxia and mitophagy in neurodegenerative diseases using quantitative microscopy approaches in neural stem cells and tissues from mouse model.
- Train and mentor graduate and undergraduate students, alongside the PI
- Collaborate with already identified international collaborators towards understanding the mechanism of mitochondria in neurodegenerative diseases.
- Write manuscripts
- Present research in conferences

WHAT WE ARE LOOKING FOR

Qualifications

- PhD in Cell and Molecular Biology, Genetics, Cancer Biology, or a related field.
- Strong interest in mitochondria and/or stem cell biology with a quantitative bent of mind.
- Confocal microscopy, with coding skills (highly preferred)
- Able to work as an independent researcher, as well as in team.
- Able to efficiently communicate in English orally and in writing

Who You Are

- Critical thinker
- Work ethic of the highest standards
- Collegial and collaborative

Application: Email application to Kasturi at Kasturi.mitra@ashoka.edu.in

- The application should include at least the following:
- 1. Cover letter including a paragraph highlighting major achievements and self-assessment, and justifying interest in the position.
- 2. Detailed CV with contact details of at least three referees in the order of candidate's preference (email and contact number).
- 3. One page statement of overall research interests and future goals.
- The subject of the email should be: Application for Postdoctoral Scientist (IA-Ashoka). Please note only shortlisted candidates will be notified.

ABOUT ASHOKA UNIVERSITY

Ashoka University is India's premier interdisciplinary higher education and research-focused institution, offering world-class opportunities in the natural sciences, social sciences, and humanities. Established in 2014 by leaders, thinkers, academics, and philanthropists from diverse fields, it operates on a unique model of collective philanthropy, integrating exemplary governance standards with cutting-edge pedagogy and a faculty body of international acclaim.

Today, the University has a community of 3000+ students and operates seven Schools imparting industry-oriented education, professional skills, and values-based learning to prepare students for global careers. The University espouses principles of inclusivity and diversity, having more than 57% women, 4% international scholars, 100+ students with disabilities, and over 47% students on scholarships. Since its inception, Rs 723 crores have been awarded in scholarships with over 2,000 students receiving full-tuition fee waivers cumulatively and 5400+ students being supported through scholarships. In addition, nearly 5500 of Ashoka's alumni are pursuing careers of their choice in reputed organisations and leading universities across the world.

Ashoka University continues to reaffirm its commitment to building an inclusive institution of excellence in teaching and research, nurturing responsible leaders for India and the world. In 2025, Ashoka University was honoured with the 'University of the Year (Emerging)' award at the 20th FICCI Higher Education Summit 2025 - one of India's notable industry platforms celebrating excellence in academia and innovation. The University also secured the first position in the Indian Institutional Ranking Framework (IIRF) 2025 in two prestigious categories.

The Ashoka advantage will continue to equip its students with the skills to see the big picture - to critically analyse, question, interpret, craft compelling arguments, and find sustainable solutions. It is a collective effort towards nation-building. This is where tomorrow's leaders are born.

Check out the Ashoka Website to know more : <https://www.ashoka.edu.in/>