Stanford



Souradeep Dey

Postdoctoral Scholar, Cardiovascular Institute

Bio

BIO

Dr. Souradeep Dey is a postdoctoral scholar at the Stanford Cardiovascular Institute, specializing in tissue engineering, regenerative medicine, organ-on-chip technologies, 3D bioprinting and stem cells. Dr. Dey earned his Ph.D. in Nanotechnology from the Indian Institute of Technology Guwahati, India, where his doctoral research focused on developing clinically relevant 3D printed in vitro microphysiological models for disease modeling and drug screening applications.

HONORS AND AWARDS

- Institute Medal for Best Thesis Award, Indian Institute of Technology Guwahati, India (2026)
- Prime Minister’s Research Fellowship, Ministry of Education, Government of India (2020-2024)
- Sun Pharma Science Scholar Fellowship, Sun Pharma Science Foundation (2024)
- Dr. Himangshu Roy Memorial Young Scientist Award, The Zoological Society, Kolkata (2023)
- "Best Poster Presentation Award" sponsored by Science Advances: AAAS, 12th World Biomaterials Congress (2024)
- Best Poster Presentation Award, Next Big Innovation Labs, India (2024)
- International Travel Grant, Anusandhan National Research Foundation, Government of India (2024)
- Springer In vitro models "Best Poster Award", International Conference on Biomaterials, Regenerative Medicine and Devices (2022)
- “Commendable Research by PMRFs” - Category “Interdisciplinary areas in Science and Engineering”, Ministry of Education, Government of India (2022-2023)
- Awarded 05 student project grants (as team), New Generation Innovation and Entrepreneurship Development Centre, Government of India (2020-2023)
- Departmental Rank – 2nd (M.Sc.), Vellore Institute of Technology, India (2018)
- Institute Merit Scholarship, Vellore Institute of Technology, India (2016-2018)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Heart Association (AHA) (2026 - present)
- Member, Tissue Engineering and Regenerative Medicine International Society (TERMIS) (2023 - 2024)
- Life Member, Society for Biomaterials and Artificial Organs India (SBAOI) (2019 - present)
- Life Member, Society for Tissue Engineering & Regenerative Medicine India (STERMI) (2020 - present)
- Life Member, Asian Polymer Association, India (APA) (2020 - present)
- Life member, The Zoological Society, Kolkata (ZSK) (2023 - present)

PROFESSIONAL EDUCATION

- Ph.D., Indian Institute of Technology Guwahati , Nanotechnology (2026)
- Master of Science, Vellore Institute of Technology , Biotechnology (2018)
- Bachelor of Science, University of Calcutta , Zoology (2016)

STANFORD ADVISORS

- Joseph Wu, Postdoctoral Faculty Sponsor

LINKS

- LinkedIn: https://www.linkedin.com/in/souradeep-dey-9681081352/
- Google Scholar: https://scholar.google.co.in/citations?user=6L78kYAAAAAJ&hl=en