

SRIJAN HALDAR

(PhD)

Contact & Personal Information

Address:

12/2B Nanda Mullick Lane
Kolkata-700006, West Bengal,

India

Phone:

9830430340

Email:

haldar.srijan@gmail.com

D.O.B. 19/03/1987

LinkedIn:

[linkedin.com/in/dr-srijan-haldar-88332829](https://www.linkedin.com/in/dr-srijan-haldar-88332829)

Nationality: Indian:

Marital status: Married

Teaching Area

Biochemistry, Cell Biology, Recombinant DNA Technology, Enzymology, Molecular Biology, Elective Zoology

Research Interest

Environmental Biochemistry and Microbiology, Agriculture and health related microbiome study RNA biology, Cancer Biology, Stem cell biology.

Languages

English
Bengali
Hindi

Hobbies

Photography

Summary

Associate Professor in Biotechnology at Swami Vivekananda University since July, 2023. More than 5 years experience in teaching biochemistry, microbiology and various allied biology related courses at undergraduate and postgraduate level. Former Research scientist at Pharmaceutical industry, with 3 years of experience. Experienced in several documentation work such as NAAC etc. Research interest in RNA biology, Cancer Biology, Stem cell, Environmental Biochemistry etc.

Work Experience

Associate Professor, Department of Biotechnology, - July, 2023- Present, Swami Vivekananda University, Kolkata, India.

- Delivered lectures (theory and practical) as per approved course outlines.

Assistant Professor, Department of Biochemistry, - July, 2018- June, 2023 Adamas Univeristy, Kolkata, India.

- Delivered lectures (theory and practical) as per approved course outlines.
- Developed and revised course curriculum
- Served Biochemistry Department as HoD for 3.5 years
- Conducted BOS meetings
- Assisted in staff development initiatives
- Involved students in scientific research activities
- Published scientific articles in peer reviewed Journals.
- Conducted educational Excursions.
- Organized Outreach activity at various academic institutions.

Research Scientist, Biology Division, July, 2015-March-2018 Integral Biosciences Pvt. Ltd, Noida, India.

- Method development of different in-vitro Biochemical Assays for Drug etc screening.
- Method development of different Mammalian cell culture assay for Drug etc screening.
- Train junior colleagues for performing Biological assay as per newly developed SOP.

Education:

- PhD. in Biochemistry, 2016, University of Kolkata, Saha Institute of Nuclear Physics, Kolkata, India.
- Master of Science (M.Sc.) in Biochemistry, 2010, University of Calcutta, India (72%, 1st Class, 10th position in University).
- Bachelor of Science (B.Sc.) in Zoology, 2008, Maulana Azad College, University of Calcutta, Kolkata, India (68.25%, 1st Class, 21st position in University).
- Higher Secondary, 2005, Hare School, West Bengal Council of Higher Secondary Education, Kolkata, India. (73.4%, 1st Division).
- Secondary, 2003, Hare School, West Bengal Board of Secondary Education, Kolkata, India (83.38%, 1st Division).

Awards & Honors:

- Qualified UGC- CSIR NET Examination for selecting candidates for Junior Research Fellowships (JRF) and for Lectureship in 2010, Rank-143.
- Qualified SINP-Entrance Examination for selecting candidates for Junior Research Fellowships (JRF) in 2010.
- GATE,2010 qualified.

Professional Skills:

- Demonstration of clear written communication skills, oral communication skills, and organizational skills
- Demonstrates excellence in teaching at the undergraduate and postgraduate levels
- Evidence of assessment knowledge and experience using technology in the classroom
- Demonstrated interest in undergraduate teaching and research
- Prioritize responsibilities, meet deadlines, and respond to students' legitimate needs in a timely manner
- Can identify experimental problems and solve them independently
- Have good organizational and Managerial skills
- Can maintain good interpersonal relationships

Research expertise skill:

- **Flow-cytometry:** Highly efficient in operating FACS in FACS caliber and in handling BDFACS Aria II machine independently.
- **Enzymatic assays:** Expertise in different enzymatic assay along with their mechanism of action, CYP inhibition assay in 384 and 96 well format.
- **Liquid Handling System operation:** Can independently operate LHS (Beckman Coulter Biomek-FXp) system.
- **Stem cell culture handling:** Highly efficient in isolation of CD34+ stem cells from cord blood and bone marrow and differentiate them into specific lineage by *in vitro* culture. Considerable knowledge in primary and mammalian cell culture (suspension as well as adherent cell lines). Extensively experienced in mammalian and bacterial cell lines transfection technology, and also efficient in stable cell line preparation.
- **Molecular and Cell Biology:** Extensive experience in the field of molecular and cell biology techniques like Cloning, protein expression and purification, PCR (specially qRT-PCR, Gene sequencing), Immuno-precipitation, SDS and native PAGE, Western Blotting.
- **Microbial culture and bacterial stain handling**

Publication: 14 in International peer reviewed Journal

I hereby declare that the details furnished above are true and correct to the best of my knowledge,

Srijan Haldar