

PERSONAL PROFILE



DR. SRIDAM MAHAPATRA

Associate Professor & HOD

**Department of Zoology
Saldiha College, Saldiha,
Bankura-722173, WB**

Date of Birth : 27/12/1959
Educational Qualification : M.Sc., Ph.D
Permanent Address : Milanpally, P.O.-Kenduadihi
Distt.-Bankura, West Bengal
Pin Code-722102, INDIA
Contact Number : 9475186784
E-mail : sridammahapatra@ymail.com
Date of Joining : 21/12/1999
Area of Teaching : Broad area : Zoology
Specialized area : Mol. Biol. Biochem.
Research interest : Transport of RNA through biological membranes

List of Research Papers in National/International Journal

1. Mahapatra S. *et al.* (1998), The D arm of tRNA^{Tyr} is necessary and sufficient for Import into *Leishmania* Mitochondria *in vitro*. **Nucl. Acids Res.** (26)9 2037-2042.
2. Adhya S. *et al.* (1997) Role of RNA binding protein in import of tRNAs into *Leishmania* Mitochondria. **J. Biol. Chem.**, 272(34) 21396-21402.
3. Mahapatra S. and Adhya S. (1996) Import of RNA into *Leishmania* Mitochondria occurs through direct interaction with membrane bound Receptors. **J. Biol. Chem.** 271(34) 20432-20437.
4. Mahapatra S. *et al.* (1994) Import of small RNAs into *Leishmania* Mitochondria *in vitro*. **Nucl. Acids Res.** 22(16), 3381-3386,
5. Mahapatra S. and Aditya AK (1992) Effect of Carcinogens and Mutagens on Phospholipids and Proteins in Aquatic Planaria, *Dugesia bengalensis*. **Ind. J. Exptl. Biol.** 30, 897-900.

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6. Mahapatra S. and Aditya AK (1989) Scanning Electron Microscopical observation on ultra-surface of Pharynx in *Dugesia bengalensis*. **Zool. Jb. Anat(DDR)** 119 237-240.

List of Books/Book Chapters

Seminars/Conferences Proceeding Abstracts

National/International Seminar/Conferences/Workshops Attended

No.	Name	Sponsoring Agency	Place and Date
1	VIth International Symposium on the Biol. Of Turbellaria.	Hirosaki University	Hirosaki, Japan, Aug.7-12,1990
2	National seminar on Recent Advances in Zoological Res.	Burdwan Univ.,CSIR	Golapbag, Burdwan, India, Sept.20-22 1990
3	National Seminar on Recent Advances in Leishmania Res.	IICB, CSIR	Kolkata, India, 1992
4	16 th International Congress of Biochem. & Mol. Biol.	SBC, IISc	Taj Hotel, New Delhi, India Sept. 19-22, 1994
5	21 st AMBO Internatioal Workshop and Training on gene Expression	National Instt. Of Genetics	Mishima, Japan Mar.30 to Apr.11,1998
6	Max-Plank Institute Seminar on tRNA Import into Leishmania Mitochondria	MPI, Dortmund	Dortmund, Germany
7	International Training and Research on Emerging Infectious Diseases, Asian Regional Workshop on Intracellular Pathogens	Fogarty International Centre, USA	JNU& India Habitat Centre, New Delhi, India , Dec. 6-10. 1999
8	UGC-UNFPA Teacher Training Programme on Population & Development Education	PERC Burdwan	Golpbag, Burdwan, Aug. 30-31, 2003
9	NAAC sponsored 3-day Workshop	NAAC	Science Centre, Burdwan, April 9-11, 2004

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10	National Seminar on Molecules to Man	Zoology Department, Burdwan University	Burdwan, Feb. 24-25, 2005
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Research Projects

International & National links for Teaching & Research

Member of Professional Bodies

Faculty Development Courses or Programmes Attended

Sl. No.	Course	Sponsoring Agency	Institutions	Period/Date
1.	UGC-UNFPA Teacher Training Programme on Population & Development of Education	UGC	Burdwan University, Golapbag, Burdwan	Aug. 30-31, 2003
2.	3-day Workshop on Educational dev.	NAAC	Burdwan University	April 9-11, 2004

Extracurricular Activities

1. Writing for social causes in Newspaper.
2. Deliberations to other Institutional purpose on invitation.

Associated with any other Organization

Other Academic Activities

1. Cell Culture Protozoan parasites, Neoblast Cells, Cryopreservation.

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2. Isolation of Organelles, Mitochondria, Ribosomes
3. Cell fractionation
4. Membrane Isolation, Purification and Characterization
5. Isolation and purification of DNAs, Plasmid, Phage, Genomic
6. Isolation and purification of RNAs
7. PCR for gene cloning
8. Gene cloning and sequencing
9. Preparation of DNA& RNA probe
10. In vitro Transcription
11. Electrophoretic Techniques
12. Blotting Techniques
13. Immunological method of staining cells,Organelles
14. Immunodecoration of organelles with ¹²⁵I-Protein A
15. Raising antibody in rabbits
16. Preparation of Rabbit Reticulocyte Lysate
17. Enzymological assays for detection of organelles etc

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