

Name: Dr. Purandar Sarkar

Designation: Assistant Professor of Zoology

Highest qualification: PhD

Contact details/ Office address: Post Graduate Department of Zoology
Darjeeling Government College
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Date of joining to this institution: 2nd January 2025

Date of joining W.B.E.S.: 2nd January 2025

Previous position(s) held: PhD Research scholar at Presidency University, Institute of Health Sciences.

Teaching experience in years & months: Three months as W.B.E.S

Awards, Recognition and Honours:

1. 1st class 1st in BSc. Zoology from Acharya Prafulla Chandra College, New Barrackpore.
2. 1st class 2nd in MSc. Zoology from Bidhannagar College, Bidhannagar.
3. CSIR-UGC NET in Dec 2017, AIR 35.
4. WBSET in Dec 2017.

Courses taught: Chordates, Biophysical technique, Cytogenetics, Cell and molecular biology.

Research area/ interest: Cell and molecular biology, Cancer biology, Immunology, Tumor virology.

Number of Publications-

***Peer reviewed journals:** 5

***Conference proceedings:** 4

***Chapters in books:**

Detailed list of publications:

1. **Sarkar P**, Malik S, Laha S, Das S, Bunk S, Ray JG, Chatterjee R, Saha A. Dysbiosis of Oral Microbiota During Oral Squamous Cell Carcinoma Development. *Front Oncol.* 2021 Feb 23;11:614448. doi: 10.3389/fonc.2021.614448. PMID: 33708627; PMCID: PMC7940518.
2. **Sarkar P**, Malik S, Banerjee A, Datta C, Pal DK, Ghosh A, Saha A. Differential Microbial Signature Associated With Benign Prostatic Hyperplasia and Prostate Cancer. *Front Cell Infect Microbiol.* 2022 Jul 5;12:894777. doi: 10.3389/fcimb.2022.894777. PMID: 35865814; PMCID: PMC9294280.
3. Banerjee A, Bardhan A, **Sarkar P**, Datta C, Pal DK, Saha A, Ghosh A. Dysregulation of DNA epigenetic modulators during prostate carcinogenesis in an eastern Indian patient population: Prognostic implications. *Pathol Res Pract.* 2024 Jan;253:154970. doi: 10.1016/j.prp.2023.154970. Epub 2023 Nov 23. PMID: 38056136.

4. Malik S, Biswas J, **Sarkar P**, Nag S, Gain C, Ghosh Roy S, Bhattacharya B, Ghosh D, Saha A. Differential carbonic anhydrase activities control EBV-induced B-cell transformation and lytic cycle reactivation. PLoS Pathog. 2024 Mar 26;20(3):e1011998. doi: 10.1371/journal.ppat.1011998. PMID: 38530845; PMCID: PMC10997083.
5. Sinha S, Roy R, Barman N, **Sarkar P**, Saha A, Biswas N. IL6 mediated cFLIP downregulation increases the migratory and invasive potential of triple negative breast cancer cell. Cell Signal. 2025 Feb 21;130:111679. doi: 10.1016/j.cellsig.2025.111679. Epub ahead of print. PMID: 39988287.

Google Scholar link: https://scholar.google.com/citations?user=6_O69hwAAAAJ&hl=en

ResearchGate link: <https://www.researchgate.net/profile/Purandar-Sarkar>

ORCID ID: <https://orcid.org/0000-0001-8890-9347>

Participation in Workshops/ Training programme/ Certificate course:

Conference workshop:

1. **Sarkar P**, Malik S, Banerjee A, Datta C, Pal DK, Ghosh A and Saha A. “Differential Microbial Signature Associated With Benign Prostatic Hyperplasia and Prostate Cancer”. Poster presentation in 6th Molecular Virology Meeting 2019 from 28th Feb- 2nd March, 2019 at School of Bioscience at IIT Kharagpur.
2. **Sarkar P**, Malik S, Laha S, Das S, Bunk S, Ray JG, Chatterjee R and Saha A. “Dysbiosis of Oral Microbiota During Oral Squamous Cell Carcinoma Development”. Poster presentation in Frontiers in Modern Biology conference 2023 from 20th January – 22th January, 2023 at IISER Kolkata.
3. **Sarkar P**, Malik S, Laha S, Das S, Bunk S, Ray JG, Chatterjee R and Saha A. “Dysbiosis of Oral Microbiota During Oral Squamous Cell Carcinoma Development”. Oral presentation in AIBNK Conference 2023 from 16th February – 17th February, 2023 at Amity University Kolkata.
4. **Sarkar P**, Malik S, Banerjee A, Datta C, Pal DK, Ghosh A and Saha A. “Differential Microbial Signature Associated With Benign Prostatic Hyperplasia and Prostate Cancer”. Poster presentation and representing DGC in 14th EZOS 2025 on 25th January, 2025 at The Park Hotel, Kolkata.

Workshop organization (Floor management):

1. National Symposium on Molecular Basis of Life (MBL) – Health, Disease and Diversity. 28th-30th November, 2024 at Institute of Health Sciences, Presidency University, Kolkata.