



**Name:** Swati Ajmeriya

**Research Group & Mentor:** Structural and Molecular Biology laboratory; Dr Chaithanya Madhurantakam

**Co-Supervisor:** Dr. Subhradip Karmakar, Department of Biochemistry, AIIMS Delhi

**Research Work/Project(s):**

Structure-function relationship of mutations in Breast cancer

**Fellowship Holder/Designation:** ICMR SRF

**Additional Information:**

**Research Publications:**

(1) Aberrant Expression of Solute Carrier Family Transporters in Placentas Associated with Pregnancy Complications (<http://dx.doi.org/10.1016/j.placenta.2024.11.011>)

(2) Prognostic role of Androgen Receptor splice variant 7 (AR-V7) in the pathogenesis of breast cancer (<http://dx.doi.org/10.1186/s12885-024-13165-x>)

(3) In Silico approach for the Identification of tRNA-derived Small Non-coding RNAs in SARS-CoV Infection (<http://dx.doi.org/10.1007/s13353-024-00853-4>)

(4) Uncovering the role of aquaporin and chromobox family members as potential biomarkers in head and neck squamous cell carcinoma via integrative multiomics and in silico approach (<http://dx.doi.org/10.1007/s13353-024-00843-6>)

(5) Neutralizing Antibodies and Antibody-Dependent Enhancement in COVID-19: A Perspective (<http://dx.doi.org/10.1007/s41745-021-00268-8>)

**Brief biography:** Swati has completed her Bachelor's from Daulat Ram College, Delhi University in Life Sciences, and her master's in Biotechnology from Kumaun University. She is a senior research fellow at AIIMS and a PhD scholar at TERI School of Advanced Studies. She has expertise in the analysis of Next-generation sequencing data and is well-versed in programming languages like Python. Currently, she is conducting her research in Breast Cancer using In silico approaches. Apart from academics, she is a trained kathak dancer.