Shweta Ukey
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RESUME

Flat No. 302, Tulip housing Co-op housing society, Near Akshara International school, Tathawade, Pune - 411033.

Objective:-

To work in an organization that gives me the scope to apply my knowledge and skills, to understand the complex field of oncology that contribute ultimately to the healthcare. I would like to have a learning, creative environment to prove myself dedicated, resourceful, and committed as a researcher and to be a part of a team that successfully do meaningful research work.

Profile Summary:-

- Ph.D. Awarded from All India institute of medical sciences, Jodhpur, India August, 2022
- Worked in the field of oncology during Ph.D. using clinical samples such as patient blood and tissue samples.
- Expertise in basic molecular biology techniques such as PCR, Flowcytometry, ELISA, western blot and electrophoresis.
- Experience in basic computational biology techniques such as molecular modelling, docking and molecular-dynamics, QSAR and screening.
- Experience in data analysis from databases such as TCGA, NCBI using interactomic analysis using STRING, cytoscape, DAVID etc.
- Experience in basic animal tissue culture techniques.
- Experience in Protein biophysics techniques such as UV-Vis spectroscopy, fluorescence spectroscopy and protein purification using FPLC.
- Quick learner and highly motivated team member.

Research Articles and Awards:

- **Ukey S**, Jain A, Dwivedi S, Choudhury C, Vishnoi JR, et al. 2022. Study of MicroRNA (miR-221-3p, miR-133a-3p, and miR-9-5p) Expressions in Oral Submucous Fibrosis and Squamous Cell Carcinoma. *Ind J Clin Biochem.* *https://doi.org/10.1007/s12291-022-01035-x*

- **Ukey S**, Ramteke A, Choudhury C, Purohit P, Sharma P. 2022. Differential Expression of Zinc-Dependent HDAC Subtypes and their Involvement in Unique Pathways Associated with Carcinogenesis. *Asian Pac J Cancer Prev*. 23(3):877–83. *DOI:10.31557/APJCP.2022.23.3.877*

- **Ukey S**, Choudhury C, Sharma P. 2021. Identification of unique subtype-specific interaction features in Class II zinc-dependent HDAC subtype binding pockets: A computational study. *J Biosci*. 46(3):71 *DOI: 10.1007/s12038-021-00197-9*

- **Ukey S**, Ramteke A, Choudhury C, Vishnoi JR, Chugh A, Purohit P, Elhence P, Pareek P, Sharma P. 2022. In-silico, interactomic based screening and identification of differentially expressed miRNAs in oral submucous fibrosis and Oral squamous cell carcinoma. *Humangene ; 33, doi.org/10.1016/j.humgen.2022.201041.*

- **Ukey S**, Jain A, Dwivedi S, Choudhury C, Vishnoi JR, Chugh A, Purohit P, Pareek P, Elhence P, Misra S, Sharma P. Manuscript Title: Global and Promoter Specific Hypermethylation of Tumor suppressor genes P16, SOCS1, and SHP1 in Oral Squamous Cell carcinoma and Oral submucous fibrosis *jcrt_689_22* **(Accepted)**

- Modi A, Purohit P, Gadwal A, **Ukey S,** Roy D, et al. 2022. In-Silico Analysis of Differentially Expressed Genes and Their Regulating microRNA Involved in Lymph Node Metastasis in Invasive Breast Carcinoma. *Cancer Investigation*. 40(1):55–72

- Awarded best poster in 15th International APFCB conference, 2019 in Jaipur.

- Qualified CSIR- NET JRF, Dec 2016 (AIR-139)

- Qualified CSIR- NET, June 2014

- Qualified ARS-NET, April 2014

Research

- Examination of epigenetic alterations (differential miRNA expressions, global and promoter specifi methylation) in Oral squamous cell carcinoma and oral submucous fibrosis patients blood and tissue samples. Ph.D Thesis , Jan 2018 to May 2022 at Department of Biochemistry AIIMS, Jodhpur.

- To examine differential expression of Histone deacetylase subtypes in Oral squamous cell carcioma and computationally address the issue of HDAC inhibitors subtype selectivity issue. Ph.D Thesis , Jan 2018 to May 2022 at Department of Biochemistry AIIMS, Jodhpur.

- To study the base induced protein folding in Human serum albumin, JRF from Jan 2015 to Dec 2016 at National Chemical Laboratory, Pune.

- Genomewide analysis of the genes coding for wood production in *populus*. M.Sc Thesis 2011 to 2013 at Department of genetics and Biotchology, Osmania university campus, Hyderabad.

Education :

2022 :- Ph.D. (awarded)

2013 :- M.Sc. Biotechnology from Osmania university campus. (7.3 GPA)

2011 :- B.Sc Biotechnology from RTM Nagpur University. (52.4 %)

2007 :- SSC Vivekanand Vidyapeeth, Bhopal. (72%)

2005 :- HSC, Kendriya Vidyalya No.1, Bhopal (59.6%)

Personal Details :

Name	**:**	Shweta Wasudeo Ukey
Date of Birth	**:**	11th July 1989
Marital Status	**:**	Married
Languages Known	**:**	English, Hindi & Marathi
Nationality	**:**	Indian
Contact No.	**:**	+91 7038738178

Declaration:

I hereby declare that the information given above is true to the best of my knowledge.

Date : 08.08.2022
Place : Pune

(Shweta Ukey)