**Resume**

**Chaudhary .S. Nazia**

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**8369063721**

**Educational Qualification:**

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| --- | --- | --- | --- |
| **Qualification /Education** | **Year of completion** | **Board/University/College** | **Percentage %** |
| M.Sc. | May 2015 | St. Xavier’s college | 73.5% |
| T.Y.B. Sc  (Microbiology-Single major) | March 2013 | Sophia College,  University of Mumbai | 80.00% |
| S.Y.B. Sc  (Microbiology/ Zoology) | 2011-2012 | Sophia College,  University of Mumbai | 79.42% |
| F.Y.B. Sc  (Chemistry/ Microbiology/ Zoology) | 2010-2011 | Sophia College,  University of Mumbai | 69.71% |

**ACADEMIC PROJECTS:**

1. Currently doing PhD on a Project titled “Characterization of pathways that promotes tumorigenesis, radio and chemo resistance upon Plakophilin 3 loss.”
2. Internal project on isolation and characterisation of protease and antimicrobial producing thermophiles from Ganeshpuri hot springs from January-April 2015 at St. Xavier's college Mumbai.
3. External project on “*MKT1* Dependent regulation of Mitochondrial Function” from May-August 2014 at Tata institute of Fundamental Research.
4. EXSP project entitled “Isolation and screening of thermophilic Actinomycetes capable of producing enzymes of industrial importance”.

**PATENT:**

1. **International PCT application** no PCT/IN2020/051068 “ANTIBODIES AGAINST LIPOCALIN-2 AND USE THEREOF”. Sorab. N. Dalal, Manjula Das, Sujan K Dhar, Smitha P K, **Nazia Chaudhary,** Nehanjali Dwivedi, Sanjay Gupta, Sanket shah, Bhagya Shree, Rahul Thorat and Nileema Khapare. Publication no. W0/2021/137254. 08 July S2021
2. **DBT Indian Patent no**: 202021000274 “ANTIBODIES AGAINST LIPOCALIN-2 AND USE THEREOF”. Sorab. N. Dalal, Manjula Das, Sujan K Dhar, Smitha P K, Nazia Chaudhary, Nehanjali Dwivedi, Sanjay Gupta, Sanket shah, Bhagya Shree, Rahul Thorat and Nileema Khapare. Patent office journal no 31/2021. 30 July 2021.

**PUBLICATIONS:**

* **Chaudhary N**, Choudhary B, Shah SG, Khapare N, Dwivedi N, Gaikwad A, Joshi N, Raichanna J, Basu S, Gurjar M, Smitha PK, Saklani A, Gera P, Ramadwar M, Patil P, Thorat R, Gota V, Dhar SK, Gupta S, Das M, Dalal SN. "Lipocalin 2 expression promotes tumor progression and therapy resistance by inhibiting ferroptosis in colorectal cancer." *International Journal of Cancer*. 2021;149(7):1495–1511.
* Rashid M, Shah SG, Verma T, **Chaudhary N**, Rauniyar S, Patel VB, Gera PB, Smoot D, Ashaktorab H, Dalal SN, Gupta S. Tumor-specific overexpression of histone gene, H3C14 in gastric cancer is mediated through EGFR-FOXC1 axis. Biochimica et Biophysica Acta (BBA)-Gene Regulatory Mechanisms. 2021 Apr 1;1864(4-5):194703.
* Basu S, **Chaudhary N**, Shah S, Braggs C, Sawant A, Vaz S, Thorat R, Gupta S, Dalal SN. Plakophilin3 loss leads to an increase in lipocalin2 expression, which is required for tumour formation. Experimental cell research. 2018 Aug 15;369(2):251-65.
* **Chaudhary N** and Prabhu S. Actinomycetes from Hot Water Spring Capable of Producing Enzymes of Industrial Importance.International Journal of Research Studies in Biosciences (IJRSB). 2016 June. 4(6):PP 29-35**.**
* Fernandes C, Sherin, **Chaudhary N**, Gheewala N, et al. A Study of thermostable protease from *Brevibacillus agri* using agro industrial waste as substrate for potential use as a detergent additive. Xplore- The Xavier’s Research Journal. 6(1) Sci ed.

**Manuscript under preparation:**

* **Chaudhary N**, Joshi N, Shah SG, Doloi R, Thorat R, Gupta S, Dalal SN. Autophagy enhanced the radio-resistance of PKP3 knockdown colon cancer cell lines by regulating the level of ROS. (From Thesis).
* Shah SG, Rashid M, **Chaudhary N**, Thakur P, Gera P, Dalal S, Gupta S. 2021. Interplay between YY1, E2F1 and GCN5 regulates HIST2H2AC expression and contributes in tumorigenesis
* Shah SG, Rashid M, **Chaudhary N**, Natu A, Patel VB, Khade B, Thorat R, Gera P, Dalal S, Gupta S. 2021. H2A2C – Histone isoform, a key regulator of ROS, DNA damage, mitochondrial biogenesis and ferroptosis in breast cancer

**CONFERENCE ATTENDED:**

* Presented a poster entitled “Screening of Thermophilic Actinomycetes Capable of Producing Enzymes of Industrial Importance” at a one-day national level research meet - Shri Sajjan Gupta memorial trophy for excellence in biological science” on 11th December 2012 at G.N Khalsa College.
* Presented a poster entitled “Increase in Lipocalin2 expression upon Plakophilin3 loss confers chemo and radio resistance to tumor cells” at Environmental Mutagen Society of India (EMSI) & National Conference on “Environmental Mutagenesis: Integration of Basic Biology & Omics to improve Human Health” on January 25-27, 2018 at BARC, Anushakti Nagar, Mumbai.
* Presented a poster entitled “Increase in lipocalin2 expression upon plakophilin3 loss confers chemo and radio resistance to tumor cells” at Mechanisms & Models of Cancer on 14th- 18th August 2018 at Cold Spring Harbor Laboratory, New York, United States.

**AWARDS AND HONORS:**

* Member of the Board of studies meeting of the Zoology department of Sophia College for Women (Autonomous) from the academic year 2018-2021.
* Awarded a prize for poster presentation entitled “ Increase in Lipocalin 2 expression upon plakophilin3 loss confers chemo and radio resistance to tumor cells” in the meeting “ Emerging modalities to improve cancer outcome” at 14th Indo – Australian Biotechnology conference organized at ACTREC, TMC held on 22-23rd October 2018.
* Awarded the Ramidevi Murlidhar Jalan – Rotary Mid-Town (second) Best Student Award for Academic Performance, Leadership, Participation in Co-Curricular Activities and Service for the Year 2012-2013.
* Awarded the Vaishno Endowment – Shanti Malhotra Cash prize for the best all- round student in B.Sc/ Msc/ other post graduate courses and consistently good academic record and participation in extra-co-curricular activities for the year 2012-2013.
* Awarded the Saifee Education Aid Programme Scholarship for standing First in the T.Y.B.Sc College Examination in Microbiology for the year 2012-2013.
* Awarded the Sajjan Gupta Konark Memorial Award for Excellence in Bio- Research-second prize in a one-day research meet in Environmental Microbiology organised in association with G.N Khalsa College.
* Won 3rd prize in XVIII Dr. D.V. Amonkar Memorial poster competition at Ramniranjan Jhunjhunwala college in 2012-2013
* Received the K.C. Mahindra Honour’s award for winning the Mahindra Search for Talent Scholarship more than once.
* Awarded the Mahindra Search for Talent Scholarship obtaining the highest grades in the “Education for Excellence in Science Programme” for the year 2012-2013.
* Awarded the Madholal Sindhoo memorial scholarship for a deserving student of SY BSc class offering Zoology.
* Awarded the Mrs. A. Varghese prize for a consistently outstanding zoology student in the FYBSc and SY BSc.
* Awarded a scholarship from the trustees of Sir Ratan Tata.
* Secured second place in the event ChemGalaxy-2012, an intercollegiate quiz competition at Wilson College.
* Awarded the Mahindra Search for Talent Scholarship obtaining the highest grades in the “Education for Excellence in Science Programme” for the year 2011-2012.
* Secured second place in the event Biomosaic quixzer, an intercollegiate quiz competition at Wilson College.
* Participated and won a prize in Micro Housie event of M-extravaganza, an intercollegiate competition at Sophia College.
* Awarded the Mrs Margaret Rebello Sequeira Prize for securing second rank in “Education for Excellence in Science Programme” in F.Y.B. Sc for the year 2010-2011.

**PERSONAL INFORMATION:**

**BIRTHDATE :** 24th February, 1992

**GENDER** : Female

**MARITAL STATUS** : Married

**NATIONALITY** : Indian

**RELIGION** : Islam

**INTEREST** : Reading.

**LANGUAGES** : English, Hindi, Marathi.

**DECLARATION:**

I hereby affirm that the above information given by me is true to the best of my knowledge and belief.

Thanking you,

Yours sincerely,

Chaudhary S. Nazia