**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.

**Research articles:**

* **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