7. List of publication

A. PUBLICATIONS FROM PH.D. THESIS WORK

a. Research Articles:

- **Vasiyani H,** Shinde A, Roy M, Mane M, Singh K, Singh J, Gohel D, Currim F, Vaidya K, Chhabria M, Singh R. The analog of cGAMP, c-di-AMP, activates STING mediated cell death pathway in estrogen-receptor negative breast cancer cells. Apoptosis. 2021 Jun;26(5-6):293-306. doi: 10.1007/s10495-021-01669-x. Epub 2021 Apr 10. PMID: 33840002.

- **Vasiyani H,** Mane M, Rana K, Shinde A, Roy M, Singh J, Gohel D, Currim F, Srivastava R, Singh R. DNA damage induces STING mediated IL-6-STAT3 survival pathway in triple-negative breast cancer cells and decreased survival of breast cancer patients. Apoptosis. 2022 Dec;27(11-12):961-978. doi: 10.1007/s10495-022-01763-8. Epub 2022 Aug 26. PMID: 36018392.

b. Review Article:

- **Vasiyani H,** Bhumika Wadhwa, Rajesh Singh Regulation of cGAS-STING signaling: Approach for combination therapy (review article under communication)

B. PUBLICATIONS FROM OTHER ASSOCIATED PROJECTS DURING PH.D. TENURE

a. Research Articles:

- Currim F, Singh J, Shinde A, Gohel D, Roy M, Singh K, Shukla S, Mane M, **Vasiyani H,** Singh R. Exosome Release Is Modulated by the Mitochondrial-Lysosomal Crosstalk in Parkinson's Disease Stress Conditions. Mol Neurobiol. 2021 Apr;58(4):1819-1833. doi: 10.1007/s12035-020-02243-3. Epub 2021 Jan 6. PMID: 33404982.
- Roy M, Singh K, Shinde A, Singh J, Mane M, Bedekar S, Tailor Y, Gohel D, **Vasiyani H,** Currim F, Singh R. TNF-α-induced E3 ligase, TRIM15 inhibits TNF-α-regulated NF-κB pathway by promoting turnover of K63 linked ubiquitination of TAK1. Cell Signal. 2022 Mar; 91:110210. doi: 10.1016/j.cellsig.2021.110210. Epub 2021 Dec 3. PMID: 34871740.

- Shinde A, Jung H, Lee H, Singh K, Roy M, Gohel D, Kim HB, Mane M, **Vasiyani H,** Currim F, Seo YR, Yang S, Cho A, Yi EC, Singh R. TNF-α differentially modulates subunit levels of respiratory electron transport complexes of ER/PR +ve/-ve breast cancer cells to regulate mitochondrial complex activity and tumorigenic potential. Cancer Metab. 2021 Apr 29;9(1):19. doi: 10.1186/s40170-021-00254-9. PMID: 33926547; PMCID: PMC8082668.

b. Poster Presentation in National and International Conference:

- Roy M, Singh K, Shinde A, Gohel D, Mane1 M, Shrivastava A, Currim F, Iyer M, Vasiyani H, Singh R. MID2/TRIM1; a feedback regulator of TNFα-induced NF-κB affects autophagy and mitochondrial complex activity. Indian Society of Cell Biology and BITS Goa 21.12.2018