

RESEARCH PUBLICATION

1. **A biologically functional bioink based on extracellular matrix derived collagen for 3D printing of skin.** Damle, M. N., Chaudhari, L., Tardalkar, K., Bhamare, N., Jagdale, S., Gaikwad, V., ... & Joshi, M. G. (2024). A biologically functional bioink based on extracellular matrix derived collagen for 3D printing of skin. *International Journal of Biological Macromolecules*, 258, 128851.
2. **Downregulation of MICA/B tumor surface expressions and augmented soluble MICA serum levels correlate with disease stage in breast cancer.** Kshersagar, J., Damle, M. N., Bedge, P., Jagdale, R., Tardalkar, K., Jadhav, D., ... & Joshi, M. G. (2022). Downregulation of MICA/B tumor surface expressions and augmented soluble MICA serum levels correlate with disease stage in breast cancer. *Breast Disease*, 41(1), 471-480.
3. **Soluble MICA in Biofluids as Biomarker in Detection of Oral Cancer Which Correlates with Disease Stage.** Kshersagar, J., Bedge, P., Jagdale, R., Desai, S., Tardalkar, K., Jagdale, S., ... & Joshi, M. (2019). Soluble MICA in Biofluids as Biomarker in Detection of Oral Cancer Which Correlates with Disease Stage. *Available at SSRN* 3384917.
4. **Soluble MICA in Biofluids as Biomarker in Tracing Oral Malignant Growth Which Relates with Disease Stage.** Kshersagar, J., Damle, M. N., Bedge, P., Jagdale, R., Tardalkar, K., Jagdale, S., ... & Joshi, M. G. (2022). Soluble MICA in Biofluids as Biomarker in Tracing Oral Malignant Growth Which Relates with Disease Stage. *Annals of Cancer Research and Therapy*, 30(2), 131-138.

BOOK chapter

“Bone Tissue Engineering: From Biomaterials to Clinical Trials”

Jagdale, S., Damle, M., Joshi, M.G. (2025). Bone Tissue Engineering: From Biomaterials to Clinical Trials. In: Turksen, K. (eds) Cell Biology and Translational Medicine, Volume 24. Advances in Experimental Medicine and Biology(), vol 1479. Springer, Cham.

https://doi.org/10.1007/5584_2024_841

Published patent

- “Synthesis process of composite artificial skin bioink for 3D bioprinting and wound healing application” (AFR application no 21921004686, year -2019).
- A method for generative vermicompost from biomedical waste and composition for the same (AFR application no 202421016828A,05/04/20024).
- German patent for the same “. A method for generative vermicompost from biomedical waste and composition for the same “.