
Upasna Upadhyay-List of Publications

Google Scholar Link:

<https://scholar.google.co.in/citations?user=OKzIFuIAAAAJ&hl=en>

- **Upadhyay, U.**, Kolla, S., Maredupaka, S. *et al.* Development of an alginate–chitosan biopolymer composite with dECM bioink additive for organ-on-a-chip articular cartilage. *Sci Rep* 14, 11765 (2024). <https://doi.org/10.1038/s41598-024-62656-1>
- **Upadhyay Upasna**, Kamma Srinivasulu, and Lakshmi Kiran Chelluri. Standardizing Chondrocyte Isolation and Articular Cartilage Decellularization: A Versatile Bioink for Tissue Engineering Applications. *Methods Mol Biol.* 1-10. 2024 Mar 21. https://doi.org/10.1007/7651_2024_534. PMID: 38507214.
- **Upasna Upadhyay**, Saketh Kolla, Lakshmi Kiran Chelluri. Extracellular matrix composition analysis of human articular cartilage for the development of organ-on-a-chip. *Biochemical and Biophysical Research Communications.* 667,2023:81-88. <https://doi.org/10.1016/j.bbrc.2023.04.117>
- Sunil H, Megha R S, **Upasna Upadhyay** et al. Practical handbook on microbiology. *International journal of microbial science.* [ISBN:978-93-93337-38-2] [ISSN online:2582-967X]-2022
- Rajesh Dhakane, Anuja S Z, Swati M S, Vijay Upadhye, Deepa C H, Amol D A, **Upasna Upadhyay** et al. Fermentation technology and Agricultural microbiology. *International journal of microbial science.* [ISBN:978-93-93337-17-7] [ISSN online:2582-967X]-2022
- **Upasna Upadhyay**, Akash Kumaran, Shital Yadav, Abhijit Majumder, Prajakta Dandekar. Microfluidic Retina-on-chip. *Microfluidics and multiorgans on chip.* Book chapter 17, July 2022:381-406. Springer Nature Singapore. https://doi.org/10.1007/978-981-19-1379-2_17
- **Upasna Upadhyay**, Raaghav Sen, Swathi Kaliki et al. Ocular cancer stem cells:Advances in therapeutic interventions. *Cancer stem cells: New Horizons in Cancer Therapies.* Book chapter 7,2020: 125-136. https://doi.org/10.1007/978-981-15-5120-8_7
- Tajamul Hussain, Salman Alrokayan, **Upasna Upadhyay** et al. Meta-analysis of genetic polymorphisms in xenobiotic metabolizing enzymes and their association with breast cancer risk. *Journal of Genetics.* Vol 97, Issue 2, 523-537; June 2018.
- Lakshmi Kiran Chelluri, **Upasna Upadhyay**, Ravindra Nallagonda et al. Safety Study of Autologous Adult Bone Marrow Derived Mesenchymal Stromal Cells in Idiopathic PulmonaryFibrosis - Pilot Data. *NHTM.* Vol 4, Issue 1-4, 15-22; 2017.