List of Publications

1. **Khanna Tanvi**, Dave Akash and Robin Pushpa, Phytochemical evaluation and Chemical characterization of Bauhinia variegata L. bark extract by TGA/ DSC, FT-IRand GC-MS analytical techniques: Pharmaceutical Aspects. *Res. J. Chem. Environ;* Vol. 26(7); 120-126; doi: https://doi.org/10.25303/2607rjce120126; (2022).

2. **Tanvi Khanna**, Akash Dave, Pushpa Robin*. *Bauhinia variegata* bark extract: Assessment of its antiproliferative and apoptotic activities on A549 and H460 lung cancer cell lines., Journal of Natural Remedies, Published online April 20,2022. DOI: 10.18311/jnr/2022/28740.

3. Dave A, **Khanna T**, Robin P. Exploiting Rhizobium for Cadmium Sulphide Nanoparticle Synthesis: Heterologous Expression of an *Escherichia coli DH10B* Enzyme, YbdK [EC: 6.3.2.2] in *Sinorhizobium fredii* NGR234. *J Pure Appl Microbiol.* Published online February 25, 2022. doi: 10.22207/JPAM.16.1.59

4. Mehul H. Sadhu a, Sujit Baran Kumar a, Jaswinder Kaur Saini b, Sejal S. Purani c, **Tanvi R. Khanna,** Mononuclear copper (II) and binuclear cobalt (II) complexes with halides and tetradentate nitrogen coordinate ligand: Synthesis, structures andbioactivities, *Inorganica Chimica Acta;* 466 (2017) 239–227.

List of Posters

1. **Tanvi Khanna,** *Pushpa Robin, Isolation and partial characterization of phytocomponents from *Bauhinia variegata* L. Bark extract and its effect on A549 cell line at XXXIX All India Cell Biology Conference on Cellular Organization and Dynamics, at IISER, Thiruvananthap uram, kerala, 2015.

2. Akash Dave, **Tanvi Khanna Dave**, Modi Parth, Lipi Sheth, Pushpa Robin*, "Genetically modified rhizobia to combat heavy metal stress on fenugreek seedlings", presented at National conference of Climate, community and conservation, held at Navrachna University, Vadodara on 26-27 September, 2022 jointly organized by Navrachna University and Wild life and Conservation biology research foundation, Patan.

3. Sejal Purani, **Tanvi Khanna** and *Pushpa Robin, Evaluating Bauhinia variegata L. extracts for its anti-cancer properties at 'National Symposium on Current Research in Cancer Biology and Therapy', at School of Biological Science and Biotechnology, University and Institute of Advance Research, Gandhinagar, 2016.