

MANASA. K. H

Junior Research Fellow,

Centre for Functional Genomics and Bioinformatics, TDU.

Projects:

- Bio-Solar Cells.
- Isolation of Vinca alkaloids from Endophytic fungi isolated from *Catharanthus roseus*.
- Molecular characterization of Antimicrobial resistant pathogens causing Sub-clinical mastitis.
- To explore correlation between Prakriti and HLA typing.

Technical skills:

PCR Techniques, DNA and RNA isolation, UV Spectroscopy, High Performance Liquid Chromatography (HPLC), ELISA, Nanodrop Spectrophotometer, Cytoflex Flow cytometry, Gel electrophoresis, Gel documentation, Next Generation Sequencing (NGS), Programing languages – C, java

Publication:

- Hadagali Ashoka*, Prashanth Hegde, Manasa K. H., Chandraprasad Madihalli, Pradeep S. and Ashok Kumar Shettihalli; Isolation And Detection Of Vinca Alkaloids From Endophytes Isolated From *Catharanthus roseus*; *EJBPS*, 2017, Volume 4, Issue 10, 675-683.

Areas of interest:

- Microbiology
- Pharmaceutical Biotechnology
- Genetic Engineering
- Molecular Biology
- Tissue culture
- Next Generation Sequencing
- Prakriti