

# Manjunatha B K

📍 Brahmana Beduru, Kalmane (Po), Sagara (Tq), Shivamogga, KA, 577401

✉ manjunathabk.bt@gmail.com

☎ +91-9481001678



## Professional Experience

<b>Project fellow</b> <i>Institute of Bioinformatics and applied Biotechnology (IBAB), Bangalore</i>	02/2023 – 08/2023
<b>Junior Researcher</b> <i>GenoPhe Biotech Pvt. Ltd./ Indian Institute of Science (IISc), Bangalore</i>	09/2022 – 02/2023
<b>INSA- NASI- IASc Summer research fellowship (SRFP-2021)</b> <i>CSIR- Indian Institute of Toxicology Research, Lucknow</i>	09/2021 – 11/2021

## Education

<b>Ph.D Researcher</b> <i>Indian Institute of Technology, Hyderabad (IIT-H)</i>	2023 – present
<b>DBT- M.Sc Biotechnology</b> <i>University of Mysore</i> 8.0 CGPA	2022
<b>B.sc (Microbiology, Biochemistry, Botany)</b> <i>Kuvempu University, Shivamogga</i> 81.18%	2020
<b>PUC (PCMB)</b> <i>Govt. PU College, Sagara</i> 88.83%	2017
<b>SSLC</b> <i>Sevasagara High School, Sagara</i> 93.28%	2015

## Skills

### Laboratory skills

DNA/RNA isolation, cDNA synthesis, Microinjection, qRT-PCR, Protein Extraction and quantification, SDS-PAGE, Western Blot, Immunofluorescence, Confocal Microscopy

### Bioinformatics tools and softwares

NGS Data analysis, Transcriptomics (RNA-Seq)

### Personal skills

Time management, Team player, Hard working, Problem solving, critical thinking

### Programming skills

Basic Python Programming, R Programming and Linux shell scripting

### MS Office

MS Word, Powerpoint and MS Excel

## Awards

<b>GATE - Biotechnology</b> Score : 419 AIR:1264	2023
<b>GATE - Biotechnology</b> AIR 1649	2022
<b>DBT GAT-B</b> All India Rank 40	2020

## Projects

<b>Assessment of Diabetogenic Potential of Monobutyl Phthalate using Drosophila as a model</b> CSIR- IITR, Lucknow
<b>Antioxidant, Antifungal, Insecticidal activity and Mineral composition of Citrus aurantium species</b> SRNMN College of Applied Sciences, Shivamogga
<b>Molecular characterization of Xanthomonas campestris pv. campestris and Ralstonia solanacearum</b> <i>DoS in Biotechnology, University of Mysore (UoM)</i>

## Courses

<b>Clinical research: Behind the statistics</b> <i>Coursera</i>	12/2022
<b>Drug Discovery and Development</b> <i>Decode life</i>	2022

## Organisations

<b>Vidyaposhak NGO</b> <i>Student Intern</i> Made Videos on PUC Biology subject during COVID-19 with the intention of reaching remote village students
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## Publications

<b>Antifungal and Insecticidal activity of leaf extracts of some citrus species, 2021</b> <i>Current research in Biology, Volume 3, Akinik publications</i>
<b>Mineral composition of selected grass species, 2021</b> <i>Traditional utilization and pharmacological properties of Medicinal plants, Volume 1, Scripown publications</i>
<b>Role of SMADS in BMP Signalling</b> <i>Compendium of "Research insights for lifescience students", Volume 2, 2020</i>

## Declaration

I hereby declare that the details and information given above are complete and true to the best of my knowledge