

CURRICULUM VITAE

DINESH B

Research scholar

Department of Biochemistry

Mangalaganothri Campus

Mangalore University,

Karnataka Pin code: 574199

Mobile : 9945544261/8431199156

E-mail Id : dinesh.bhaskar1993@gmail.com

CURRICULAR ATTAINMENTS

Education	Board/ University	Percentage
SSLC	Karnataka secondary Education examination board	63.33%
Pre-University	Karnataka Board of pre-University	52.5%
BSc Biotechnology	Bangalore University	60.00%
MSc Biochemistry	Bangalore University	6.8 GPA
Ph.D. Biochemistry	Mangalore University	perceiving

OBJECTIVE

To undertake any original and dedicated work in the field of Biochemistry, Molecular biology, Immunology and Biotechnology related fields.

Research Experience

Working on drug loading and releasing activity on PVP capped silver nanoparticle to target receptors of pancreatic ductal adenocarcinoma. Till now synthesized and standardized glucose reduced PVP capped silver nanoparticle.

Isolation of endophytic fungi from rhizome of *Curculigo orchioidea*. Green synthesized silver nanoparticles are efficient enough to inhibit the growth of bacteria. These silver nanoparticles were synthesized from extract of isolated endophytes such as *Penicillium cinnamopurpureum* and *Aspergillus aureoles* at optimal concentration of substrate, temperature, pH, and time. UV-VIS spectroscopy, HR-TEM, FT-IR, XRD, DLS and EDX were used to characterize the silver nanoparticles and evaluated against gram positive and gram negative bacteria.

Recent Publications

- **Dinesh B**, Monisha N, Shalini HR, Pratap G K, Poyya J, Shantaram M, Hampapura JS, Karigar CS, and Joshi CG(2021). Antibacterial Activity of Silver Nanoparticles Synthesized Using

Endophytic Fungus- *Penicillium cinnamopurpureum*. Spectroscopy Letters. 55(1): 20-34. 4. doi.org/10.1080/00387010.2021.2010764

- **Dinesh B**, Chethan MU, Pratap GK, Poyya J, Shantaram M, Hampapura JS, Karigar CS, and Joshi CG(2021). Biogenic synthesis of silver nanoparticle using *Aspergillus aureoles* CGJ2(endophyte) and Demonstration of their Antimicrobial Activity. Analytical Chemistry Letters. 11(6): 899-910.
- Poyya J, Kumar J, Nagendra HG, **Dinesh B**, Rao ASJ and Joshi CG (2021). Receptor based virtual screening of potential novel inhibitors of TIGAR [TP53 (tumour protein 53)-induced glycolysis and apoptosis regulator. Medical hypothesis. 156:110683

WORKSHOPS ATTENDED

- Seven days hands-on training program on **Pre-clinical Drug Screening** organized by the **Institute of Chemical Technology**, Mumbai under the scheme of DST STUTI, with **SVKM's Dr. Bhanuben Nanavati College of Pharmacy**, Mumbai
- Six days **National Workshop on Usage of Sophisticated Instruments** organized by **DST-PURSE Instrumentation Centre and MHRD-RUSA Instrumentation Centre**, Mangalore University, Mangalore, Karnataka, India, April 04-09, 2022.
- Five days Online **Workshop On Basic Bio-Methodology Of Laboratory Mice And Rats: Handling, Restraining, Identification methods, Injections, Blood Sampling, Anesthesia/Analgesia and Euthanasia**, hosted by **BLiSc Campus, Bengaluru July 26-30th, 2021**.
- Fifteen days short term training course on **Drosophila Biology and Nano-biotechnology** organized by the **Department of Biotechnology (DBT)**, Noida Institute of Engineering and Technology (NIET), Greater Noida, UP, India. April 06-20, 2021.

SEMINARS AND CONFERENCE ATTENDED

- Oral presentation entitled “**effects of polyvinylpyrrolidone on antioxidant and anti-bacterial activity of silver nanoparticle: A comparative studies**” in the international conference on biomedical and clinical research held on 21st to 22nd of November 2022 at **shri dharmasthala munjunateshwara university, dharwad, karnataka**.
 - **Dinesh B**, Poyya J, & Joshi CG. **Inhibition of JAK1 using Berberine- An in-silico Study**. 42nd annual summit of IABMS and International conference on recent trends and advances in biomedical sciences- An integral approach. Nitte (Deemed to be University), Mangalore, 25th -27th November 2021(Presenter and participator).
 - **Dinesh B**, & Joshi CG. **Antimicrobial activity of silver nanoparticle synthesized using endophytic fungus isolated from *Curculigo orchoides***. A short talk on in the AICTE sponsored three days National E-Conference on "Recent Trends and Technologies in Biotechnology and Allied Sciences". Organized by the Department of Biotechnology, M. S. Ramaiah Institute of Technology, Bengaluru, Karnataka. November 05- 07, 2020.(Presenter and participator).
-

DECLARATION

Hereby declare that above particulars are true to the best of my knowledge and belief.

Date: 05-12-2022

Place: Mangalore

Dinesh B