

CURRICULUM VITAE

Dr Syed Hidayathulla M.Sc, Ph.D

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Objective:

Desire the Challenging Position of researcher or academician in highly reputed and professional Organization or Universities and to work in an innovative and challenging environment where I Can continually learn and successfully bring the deliverables.

Profile:

- Self-motivated, enthusiastic Biological Scientist with pharmacological & phytochemical studies.
- Quick witted- efficient in handling crisis situations, with presence of mind and a smiling, cheerful attitude.
- Skilled in maintaining and handling administrative documentation independently.

Academic Qualification:

Degree	University	Year of Passing	Subject
B.Sc	University of Mysore	2003	Biochemistry , Botany , Microbiology
M.Sc	University of Mysore	2005	Biochemistry
Ph.D	Mangalore University	2008-2013	Life science
PDF	University Technology Malaysia	2013-14	Biotechnology
PDF	King Saud University	2016-2019	Biotechnology

Ph.D thesis title: “ANTIOXIDANT, ANTIMICROBIAL AND ANTI DIABETIC ACTIVITIES OF CERTAIN PHYTOCHEMICALS OF WESTERN GHAT PLANTS”.

Brief: Study includes extraction of phytochemicals from the plants , evaluating the extracts for its antioxidant and antimicrobial activity. Isolation of active compounds from the extracts using techniques such as TLC, HPLC chromatography *etc.*The extracts were investigated for antioxidant by DPPH, reducing power, lipid

peroxidation anti antimicrobial was assessed by disc diffusion method and anti diabetic property through its inhibitory effect on carbohydrate hydrolysing enzymes like Alpha Amylase (salivary ,pancreatic) and Alpha glucosidase. In *in vivo* studies were carried out for anti diabetic potential, Wistar rats were fed with the extract and assessed for its anti diabetic property. Anti inflammatory activity was assessed by evaluating inhibition of Sec Phospholipase A₂enzyme , Carrageenan induced edema .

•Engaged in scholarly research and publication

Research Experience:

Scientist in Research and Development of Sineo Herbal Extracts,Mysore . Responsible for planning and extraction of phytochemicals ,(Curcuminoids, Coleus and Boswellic acid). Being responsible and accountable for exceeding goals successfully; and others for results; Identifying new opportunities/ projects, Defining the project strategy, Plan the project with clear milestones, resource estimation and time lines. Designing and providing training that sustains the team's execution edge. Developing juniors by providing guidance during the execution of challenging, stretching tasks and assignments; Coordinating people and material resources to facilitate execution of multiple activities at once so that team accomplishes goals

Teaching Experience: Overall 6 years of experience

College	Department	Designation	Year of working
St.Philomena's	Biochemistry	Assistant Professor	2006-2008
Farooqia Dental College Mysore	Biochemistry	Assistant Professor	2007-2008
Mandavya college Mandya	Biotechnology	HOD & Assistant Professor	Aug- Nov 2008
Nightgale College of Nursing Bangalore	Biochemistry PR	Assistant Professor	2014
University of Mysore	DoS in Molecular Biology	Faculty	2019-2023

RESEARCH INTEREST AND SKILLS

My research interests span the broad field of Pharmacological studies of Natural products, Mainly concerned with *Diabetes mellitus* , inflammation, antioxidants and antimicrobial studies. Isolation & purification of phytochemicals.

OVER VIEW OF LABORATORY SKILLS:

Undertaking practical laboratory investigations in a safe, responsible and ethical manner, Qualitative and Quantitative assay of Bio molecules (Carbohydrates, proteins, lipids Vitamins and minerals). **Instrumentation:** UV visible spectrophotometer, light Microscopy, lyophilizer, temperature controlled Centrifuge, microtomy, Rotary evaporator Fluorimeter, Scintillation Counter. **Chromatography:** Paper chromatography, Gel filtration chromatography, Ion Exchange Chromatography, Thin layer Chromatography (TLC), Gas chromatography(GC), High Pressure Liquid (HPLC) Electrophoresis: SDS PAGE, Agarose gel electrophoresis. **Enzymes** and proteins isolation purification and kinetics. **Phytochemical** extraction and purification, **Animal handling** (Wistar Rats, mice) **Microbiology:**, microscopy skills and microbial Identification, and taking into account relevant health and safety regulations. Enumerating Microorganisms, Preparation of culture media, Biochemical tests to identify microorganisms, Maintaining of cultures, Sterility testing, validation for microbiology tests etc. **Molecular biology** DNA and RNA isolation and estimations, **Immunology** Immunoprecipitation Techniques

Computer skills:

Proficient in: Power Point

Adobe Photoshop,

Microsoft excel

Microsoft Word.

Publications:

- 1) Alpha-amylase and alpha-glucosidase enzyme inhibition and antioxidant potential of 3-oxolupenal and katononic acid isolated from *Nuxiaoppositifolia* (2020). Alqahtani, **Hidayathulla S**, MT Rehman, AA ElGamal, S Al-Massarani, Biomolecules 10
- 2) Antidiabetic, antioxidant, molecular docking and HPTLC analysis of miquelianin isolated from *Euphorbia schimperii* (2019) Sarfaraz Ahmed, Adnan J Al-Rehaily, Perwez Alam, Ali S Alqahtani, **Hidayatulla S** Saudi Pharmaceutical Journal. 2019 Jul;27(5):655-663.
- 3) GC/MS analysis and characterization of 2-Hexadecen-1-ol and beta sitosterol from *Schimpera arabica* extract for its bioactive potential as antioxidant and antimicrobial(2018). **Hidayathulla S** et al Journal of Applied Microbiology..
- 4) Optimization of physicochemical parameters of tannase post-purification and its Versatile bioactivity (2018). **Hidayathulla S** et al. FEMS microbiology letters

- 5) Phytochemical profiling, antioxidant and anticancer activities of *Gastrocotylehispidia* growing in Saudi Arabia(2018)Shahat, **Hidayathulla S** , AA Khan, AM Alanazi, OT Al Meanazel, *Actatropica* 191, 243-247
- 6) Nano-composites chitosan-curcumin synergistically inhibits the oxidative stress induced by toxic metal cadmium (2018). Ahmad M, Taweel**Hidayathulla S** . *International Journal of biological Macromolecules*.
- 7) Association behavior of a mixed system of the antidepressant drug imipramine hydrochloride and disuccinate sodium salt: effect of temperature and salt (2018) .D Kumar, **Hidayathulla S**, MA Rub*Journal of Molecular Liquids* 271, 254-264 125.
- 8) Negatively charged food additive dye "Allura Red" rapidly induces SDS-soluble amyloid fibril in beta-lactoglobulin protein(2018). NA Al-Shabib, JM Khan, A Malik, AM Alsenaidy, **Hidayathulla S** MA Alsenaidy, . *International Journal of biological Macromolecules*.
- 9) Phytochemical profile of fresh and senescent leaves due to storage for *Ficus deltoidea* (2017). Plant Biosystems.LS Chua&**Hidayathulla S**.*Plant Biosystems*
- 10)Phytochemical Evaluation and antibacterial activity of *PterospermumdiversifoliumBlume*(2011).**Hidayathulla S**, Chandra, Chandrashekar *International Journal of Pharmacy and Pharmaceutical Science* Vol 3(2) 165-167.
- 11) Phytochemical Screening antibacterial activity and identification of antibacterial components in leaf extracts of *Sapium insignivBenth*. Hook. f. *Journal of Pharmacy Research* Vol 4 (1) 90 92.
- 12) Synthesis and antitubercular properties of triazole incorporated benzimidazoles (2010).J Gowda, AMA Khadar, B Kalluraya,**Hidayathulla S**.*Indian Journal of Heterocyclic Chemistry* Vol 20 pp 85-86 4.
- 13) Phytochemical screening, antioxidant and antibacterial activity of seed wings of *Hopeaponga*. Sukesh, M **Hidayathulla S**. Haneef, K Arunkumar ,*Journal of pharmacy Research*. 4:8, 2793- 2595.
- 14) Phytochemical and antibacterial activity of *Pterospermumreticulutum*(2011). Shetty, **HidayathullaS**, *InternationalJournal of Pharmacy and Pharmaceutical Science*
- 15) Synthesis, characterization and antibacterial activity of benzimidazole derivatives carrying quinoline moiety(2011)Gowda, AMA Khader, B Kalluraya, **S Hidayathulla***NISCAIR-CSIR*,
- 16) Synthesis of Cephadrine Metal Complexes and its Anti-bacterial EvaluationI Hussain, S Salman, S Iftikhar, S Jan, J Akhter,**HidayathullaS**.*SainsMalaysiana* 47 (4), 749-754
- 17) Flavonoids and Antioxidants in Medicinal Plants from Malaysia Chapter Recent Chua, Musa, N.A Latiff, Ismail **Hidayathulla S**, Publisher: Studium Press LLC,USA, Editors: J.N. Govil, ManoharPathak, pp.22-35.

Symposia: Paper/Poster Presentation:

- International conference on bioproduct (ICBW) 2014- Kuala Lumpur Malaysia. Antioxidant

Properties and Polyphenol Content in Different Parts of *Orthosiphonstamineous*Benth

- International symposium on emerging trends in Biomedical and Nanobiotechnology: Revelanceto human health Paper presented : *In vitro* antioxidant, antibacterial and anti-inflammatory
- Activities of *Madhucanerifolia* a medicinal plant of westernGhats.
- Third National Symposium on Venom and Toxins organised by Department of Biochemistry,University of Mysore India 23-24 Jan 2004.

Conferences attended

- Medicinal plant -Cultivation and Conservation organised by Dept. of Applied Botany Mangalore University India 31 March 2009
- Recent trends in botanical sciences held at Dept. of Applied Botany Mangalore University India 9-11 November 2009.

Personal information:

Sex: Male
Passport Number : G617247
Nationality: Indian
Languages known: English, Hindi, Kannada and Urdu

References:

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Declaration:

I solemnly declare that, the above statements made by me in this form are correct to the best of my knowledge and belief.

Place: Mysore

Date: Your's Sincerely