

Dr. Suneel S. DodamaniM.Sc, M.Phil, Ph.D.

Research Associate

Dr. PrabhakarKore Basic Science Research Centre

KLE University, Belagavi, India.

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Specialization: Microbial Biotechnology [Molecular Biology, Microbiology, Cell culture]

Education

Ph.D: “Studies on isolation and characterization of bacteria producing bacteriocin”,

Awarded on 19th of December, 2014.

Department of Biotechnology, **Karnatak University**, Dharwad, India.

M.Phil: “Amelioration of alloxan induced Diabetes mellitus in swiss albino mice by ethanolic leaf extract of *Nymphaeaeodorata* and its antimicrobial activity”

M.Sc: Biotechnology, **2009**.

Department of Biotechnology, **Karnatak University**, Dharwad, India.

B.Sc: Chemistry, Botany and Zoology, **2007**.

KLE’s BasavprabhuKore Degree College, Chikodi, Karnataka, India.

PUC: Physics, Chemistry, Mathematics and Biology, **2004**.

KLE’s Basavprabhu Kore College, Chikodi, India.

Research Interests

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- Isolation and Characterization of bacteria and fungi
 - Synthesis and purification of Antimicrobial peptides and *in-vivo* and *in-vitro* evaluation of immunomodulatory action
 - Prediction, Screening and evaluation of novel anti-inflammatory and anticancer agents
 - To study, synthesise, formulate novel antibiotic like molecules from Lactic acid bacteria and fungi against infectious diseases.

Publications

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1. Synthesis, characterization and molecular docking studies of substituted 4-coumarinylpyrano[2,3-c] pyrazole derivatives are potent antibacterial and anti-inflammatory agents, Bahubali M. ChougalaSamundeeswari S, MegharajaHoliyachi,aLokesh A. Shastri**Suneel Dodamani**, Sunil Jalalpure, Sheshagiri R

Dixit, Shrinivas D. Joshi, Vinay A Sunagar **European Journal of Medicinal Chemistry**, **125 (2017) 101-116.**

2. Design, synthesis and pharmacological analysis of 5-[4'-(substituted-methyl)][1, 1'-biphenyl]-2-yl]-1H-tetrazoles, Atulkumar Kamble, Ravindra Kamble, **Suneel**

Dodamani, Sunil Jalalpure, Vijaykumar Rasal, Mahadev Kumbar, Shrinivas Joshi, Sheshagiri Dixit, **Archives of Pharmacal Research**. PubMed: 28083853 DOI: 10.1007/s12272-017-0887-0.

3. Design and synthesis of novel phenyl -1, 4-beta-carboline-hybrid molecules as potential anticancer agents" Bahubali M. Chougala Samundeeswari S, Megharaja Holiyachi, a Lokesh A. Shastri **Suneel Dodamani**, Sunil Jalalpure, Sheshagiri R Dixit, Shrinivas D. Joshi, Vinay A Sunaga, **European Journal of Medicinal Chemistry**, Vol, **128, 10 March 2017, 123–139.**

4. Formulation of thermoreversible gel of cranberry juice concentrate: Evaluation, biocompatibility studies and its antimicrobial activity against periodontal pathogens. H.R. Rajeshwari, Dinesh Dhamecha, Satveer Jagwani, Dhanashree Patil, Satisha Hegde, Raksha Potdar, Renuka Metgud, Sunil Jalalpure, Subarna Roy, Kiran Jadhav, Neeraj Kumar Tiwari, Sravani Kodur, Shweta Hugar, **Suneel Dodamani**, **Materials Science and Engineering: C, In Press, Accepted Manuscript.**

5. **Suneel Dodamani**, Adivappa Vantamuri, Shridhar Ghagane, Gireesh Babu. A Gene approach on Sugarcane growth and production: Mini review; *Asian Journal of Plant Science and Research*, 2015, 5(11): 1-4.

6. Shridhar Ghagane , Rajendra Nerli , Murigendra Hiremath , Shridevi Puranik , Prasad Magdum , MA Mujeeb , Arun Shettar , Neeraj Dixit , Vikas Sharma , **Suneel Dodamani** Vijay Kumbar. Modern Diet and its Impact on Human Health, *J Nutr Food Sci* 5:6, 2015.

7. **Suneel Dodamani** and Basappa Kaliwal (2014). Production of bacteriocin by *Lactococcus garvieae* and influence of various supplements on its antimicrobial activity *Indo American Journal of Pharmaceutical Research*, Vol 4, Issue 01.

8. **Dodamani Suneel** and Kaliwal Basappa (2013). Identification and characterization of *Lactococcus garvieae* and antimicrobial activity of its bacteriocin isolated from cow's milk *Asian. J pharm clin res*, vol 6, suppl 3, 104-108.
9. **S. S. Dodamani**, R. D. Sanakal, B. B. Kaliwal (2012). Antidiabetic efficacy of ethanolic leaf extract of *Nymphaea odorata* in alloxan induced diabetic mice. *Int j pharm pharmsci*, vol 4, issue 2, 338-341.
10. **S. S. Dodamani**, R. D. Sanakal and B. B. Kaliwal (2012). Effect of ethanolic leaf extract of *Nymphaea odorata* on biochemical and oxidative stress parameters of liver and pancreas in alloxan induced diabetic mice. *Res. Opin. Anim. Vet. Sci.*, 2(3), 151-157.

Honors and Recognitions

1. **Best paper award at** UGC sponsored National conference on Environmental impact and organism response organized by Department of Zoology, Shri. Dr. R. G. Rathod Arts and Science College, Murtizapur, Dist. Akola (MS). On September 27th and 28th, 2013.
2. Recipient of Prof B. B. Kaliwal, Gold medal award for contribution in the field of Biotechnology.
3. Member of International Society for Infectious Diseases: **ISID**, USA.

Book

1. Antidiabetic activity of *Nymphaea odorata* in albino mice. Diabetes: (2012-11-12) Remedies with *Nymphaea odorata*. **LAP Lambert Academic Publishing, Germany.** ISBN-13: 978-3-659-26967-7. Author: Basappa Kaliwal and **Suneel Shekhar Dodamani.**
2. Production of bacteriocin and effect of various cultural conditions on antimicrobial activity of bacteriocin. Edited by **P C Trevedi, Food Technology and Application of Microbes.**

Other Skills and Qualifications

Software: Bioedit, Origin Pro 8, Primer designing, Clustal W,

MS-Office (Word, Excel, & Power Point).