

Recent Publications (2014 – till date)

RECENT PUBLICATIONS:

1. Vikas C Ghattargi, Yogesh Nimonkar,Shaunak Burse, Dimple Davray, Shreyas Kumbhare, Meghana Gaikwad, Mangesh Suryavanshi, Swapnil Doijad, Bhimashankar Utage, Om Sharma, Yogesh Shouche and **Bharati S Meti** (2018) “Genomic and physiological analysis of an Indigenous strain , *Enterococcus faecium* 170M39”, *Functional and Integrative Genomics* Springer publications Vol.12 , 385-399.
2. Vikas C Ghattargi, Meghana Gaikwad, Dhiraj Dhotre, YogeshNimonkar, Om Sharma, Yogesh S Shouche, Shrikant Powar and **Bharati S Meti** (2018) “Comparative Genomics analysis reveals key genetic factors associated with Probiotic property in, *Enterococcus faecium* strains”, *BMC Genomics*.
3. Vikas C. Ghattargi, Mangesh V. Suryavanshi, SwapnilKalam, Yogesh S Shouche, **Bharati S. Meti**, 2018 “Need to explore camel milk as probiotics” *Current Science*. Vol 114, pp425-426
4. **Premjyoti C Patil** and Bharati S Meti 2018 “ Isolation of microalgae for biomass and lipid enhancement through placket-Burman Design” *Int. J.Curr. icrobiol.App.Sci*Vol 7(3) ISSN:2319-7706: 2508-2518
5. **MadhumalaY**, Vishal Managutti, Puja B Patil & Veena S Sorganvi, **2017** “Comparative Study of Bioreduction of water containing Hexavalent chromium using biofilm forming and nonbiofilm forming Bacteria” *International Journal of Advanced Research Methodology in Engineering and technology*. Vol. 1, (2):41- 44, ISBN 978-1-63535-889-6
6. AnuragBellankinamath, Ajay Katageri, Hemalata V B and **Bharati S Meti**, **2017**,“Isolation and Charaterization of the Indigenous acetic acid from Western Ghats soil samples”, *International Journal of Current Microbial Application Science* Vol. 6,(9):1255-1265, ISSN:2319-7706
7. Krishnamurthy Bhat, **Bharati S. Meti** & K. Chandrasekhar (**2016**) “Automation technique for online transesterification process of biodiesel plant in India” *International Journal of Biotechnology and research*. Vol. 6(1):13-18
8. Krishnamurthy Bhat, **Bharati S. Meti** & K. Chandrasekhar (**2016**) “Consolidation of available methods and design of a reliable physicochemical system for transesterification progress monitoring in biodiesel reaction chamber” *International Research Journal of Engineering and Technology*. Vol.03(6): 2334-2338
9. **D.B.M. Virupakshaiah** and V.B. Hemalata (**2016**) “Molecular Identification of *Pseudomonas aeruginosa* from food born isolates” *International journal of current microbiology and applied sciences*. Vol.7 (6): 1026-1032

10. Hemalata V B and **D.B.M. Virupakshaiah (2016)** "Isolation and Identification of food borne pathogens from spoiled food samples. *International journal of current microbiology and applied sciences*. Vol.5 (6): 1017-1025
11. Yashaswi R Metri & **Bharati S Meti (2015)** "Cellulosic Conversion to Bioethanol from Pongamia Pod- A Biodiesel Industry Waste" *International Journal of Modern Engineering Research (IJMER)*, Vol.5(9):69-74. ISSN 2249-6645.
12. **Virupakshaiah DBM** & Hemalatha V B (2015) "Bacteriophages are alternative Biocontrol agents to prevent the food borne pathogens" *International Journal of Current Microbiology and applied science*, Vol.4 (9):916-924.
13. **Bharati S Meti** & Shailaja B (2014) "Treatment of Sugar Process Wastewater & Biogas Production using algal biomass" *International Journal of Engineering Research & Technology (IJERT)* Vol.3(9):61-67. ISSN 2278:0181
14. Premjyothi C Patil & **Bharati S Meti (2014)** "A Brief Review on Algal Lipid" *International Journal of Research Studies in Biosciences (IJRSB)*, Vol.2: 51-61 ISSN 2349-0357
15. **Megeri G. B.** & G. M. Madhu (2014) "Adsorption of Lead from Aqueous Solution using Aluminum Oxide" *Journal of Chemical Engineering Research*. Vol.2 (1):145-150. ISSN: 2349-9567
16. **Megeri G. B.** & G. M. Madhu (2014) Adsorption and optimization studies of lead from aqueous solution using γ -Alumina, *Journal of Environmental chemical Engineering* (Elsevier Publication):Vol. 10:30-39.
17. **Virupakshaiah DBM**, KelamaniChandrakanth (2014) Homology Modelling of PBP2a Protein Form Methicillin Resistance *Staphylococcus aureus* *Journal of Advanced Bioinformatics Applications and Research* Vol.5(1): 28-32.
18. **Virupakshaiah DBM (2014)** *Insilico* Designing of Methicillin Antibiotic Analogs For The Treatment OF *Staphylococcus aureus* *Journal of Advanced Bioinformatics Applications and Research* Vol.5(1): 33-36.
19. **Virupakshaiah DBM**, KelamaniChandrakanth (2014) Screening and Docking Study of *Insilico* designed Antibiotics for the Treatment of Methicillin Resistance *Staphylococcus aureus*.*Journal of Advanced Bioinformatics Applications and Research* Vol.5(1): 23-27.
20. **Virupakshaiah DBM (2014)** *Insilico* Screening of Secondary Metabolites Derived From Marine Fungi For Anticancer Study. *Journal of Advanced Bioinformatics Applications and Research* Vol.5(2): 78-82.

21. **Virupakshaiah DBM**, and KelamaniChandrakanth (2014) Epidemiological Survey of *Staphylococcus aureus* Isolated From Clinical Sample of Bagalkot District. *International Journal of Informative and Futuristic Research* Vol.1(11):34-40.
22. **Virupakshaiah DBM**, and KelamaniChandrakanth (2014) Molecular Characterization of *Staphylococcus aureus* Isolated From Clinical Sample of Bagalkot District. *International Journal of Informative and Futuristic Research* Vol.1 (11):39-46.
23. **Virupakshaiah DBM (2014)** “Docking of secondary metabolites derived from marine fungi with Hsp90a protein in cancer treatment” *Journal of advanced Bioinformatics Applications & Research* Vol.5(2):92-96.

LIST OF PAPERS PUBLISHED NATIONAL/INTERNATIONAL CONFERENCES 2015-2018

1. Sushma Hallad, Bharati S Meti & Ramesh Shettar (2018) “Fractination for further conversion from *Pongamia pinnata* pods to bioethanol production” at National conference Emerging trends in production of biofuels and their impact on global economy” held on 27th & 28th July 2018 at Christ college, Bangalore
2. Shivaleela V B, MSRC Murthy and Sharada P, (2018) “ Cloning, Expression, Purification & Characterization of tlyA protein from *Mycobacterium tuberculosis*” at International Conference on Genome Biology 2018: Mechanism in health & disease, held on 13th & 14th July 2018 at IISc Bangalore
3. Pavan Kumar, Lokesh B, G. Manjunath and Bharati S Meti (2017) “ Efficacy of *Bacillus subtilis* based bioformulation against bacterial blight of pomegranate” at National symposium of IPS (SZ) on Emerging trends on plant health management in relation to climate change 12-13th Sept 2017, UHS, GKVK, Bangalore
4. Premjyoti C Patil and Bharati S Meti (2017) “ Microalgae the source of Bioenergy” in proceedings of International Conference on Recent Trends in Agriculture, Biotechnology and Food Processing at Agriculture College, Hassan, UAS, Bengaluru.
5. Madhumala Y, Vishal Managutti, Puja B Patil & Veena S Sorganvi (2017) “Comparative Study of Bioreduction of water containing Hexavalent chromium using biofilm forming and nonbiofilm forming Bacteria” *International Journal of Advanced Research Methodology in Engineering and technology* Vol. 1, (2):41- 44, ISBN 978-1-63535-889-6
6. Vikas C Ghattargi, Gaikwad Meghna A, Dhotre Dhiraj, Nimonkar Yogesh, Sharma Om Prakash, Shouche Yogesh S, Pawar Shrikant, **Bharati S. Meti**, Presented a poster

“Comparative Genomics of *Enterococcus faecium*” at Federation of European Microbiological Societies (FEMS), Valencia Spain (July, 2017).

7. Vikas C Ghattargi, GaiwadMeghna A ,MatharuDollwin, PanditSumeet,Davaray Dimple, ShoucheYogeshS,**Bharati S. Meti**, PawarShrikant&DhotreDhiraj Presented a poster at Federation of European Microbiological Societies (FEMS) congress conference on “Genomic Investigation of Probiotic and Non-probiotic Species” at Valencia Spain (July, 2017)
8. SushmaHallad, Yashaswi R Metri&Bharati S Meti (2015) “Isolation of Cellulose Degrading Microbes From Western Ghats Of Karnataka” in *Proceedings of RecentTrends in Environmental Waste Management (RTEWM)* at Haveri.

1. LIST OF BOOKS PUBLISHED

Title of the Book: Marine Anti Cancer Drugs

Authors :Madiha Ahmad and Virupakshaiah DBM

Paperback: 72 pages

Publisher: LAP Lambert Academic Publishing (8 October 2014)

Language: English

ISBN-10: 3659610569

ISBN-13: 978-3659610561

Product Dimensions: 15 x 0.4 x 22 cm