Dr. M.Y. Sreenivasa

Designation	**Professor**
Email Id	**sreenivasamy@gmail.com, mys@microbiology.uni-mysore.ac.in**
Phone No	**+91-821-2419733 M: +91 9449054480**
Qualification	**M. Sc., Ph. D., Post Doc (USA & Canada)**
Area of Specialization	**Mycotoxicology, Mycology and Probiotics.**
Research recognition	**h-index: 35, i10 index: 66, Total citations: 2987** **Cumulative impact factor - 291**
Visiting Scientist	**University of Ottawa, Ottawa, Canada** **University of Arkansas, Arkansas, USA** **University of Kennesaw, Atlanta, USA**
Professional Responsibilities from University	**Academic Council Member – JSS degree College, Ooty Road, Mysore** **Covid-19 Nodal Officer – University Covid Vaccination Drive** **Co-Ordinator – DRDO DFRL-UoM Research Collaboration** **Chairman – University Swachh Gangotri Mission (2020 -2021)** **President – University PG Sports Council (2020 -2021)** **Committee Member – University SC-ST governing welfare (2021)** **Member – University NAAC drafting committee (2020-2021)** **Member – University Manasa Exhibition (2021-2022)** **Member – University village and government school adoption (2020)** **E-Attestation officer – Karnataka State scholarships and fellowships**
Address for Communication	**Dr. M Y Sreenivasa** Professor Dept. of Studies in Microbiology University of Mysore Mysore - 570006, Karnataka, INDIA

Awards

2017- Shastri Indo Canada fellowship awarded by Shastri Indo-Canadian Institute, MHRD, India to visit University of Ottava, Ottava, Canada.

2014- Raman Post Doctoral Fellowship awarded by UGC, India to carry out post doctoral research in University of Arkansas, USA.

2011-QEP International Faculty Development award 2010 awarded by the Kennesaw State University, Kennesaw, Georgia, USA in recognition of Indo – US Research collaboration.

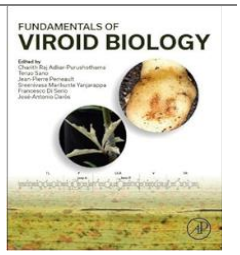
2010-Young Scientist awarded by the Department of Science & Technology, New Delhi, India.

Patents granted

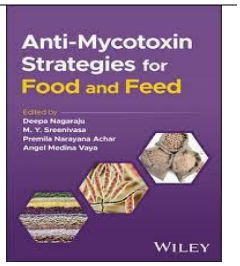
Indian patent entitled "COMPOSITION AND METHOD FOR BIODEGRADATION OF CHEMICALS AND APPLICATIONS THEREOF" Patent No 366109, Chennappa G., Naik M.K., Patil B.V., Adkar C.P., Vidya M., **M Y Sreenivasa**, Amaresh Y.S. 2021.

Books published

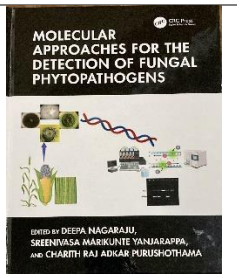
Editors: Charith Raj Adkar-Purushothama, Teruo Sano, Jean-Pierre Perreault, **Sreenivasa Marikunte Yanjarappa**, Francesco Di Serio, José-Antonio Daròs. 2024. Fundamentals of Viroid Biology, Academic Press, ISBN 9780323996884, Copyright © 2024 Elsevier Inc. All rights reserved. https://doi.org/10.1016/B978-0-323-99688-4.00004-3.



Editors: Deepa Nagaraju, **Sreenivasa Marikunte Yanjarappa,** Premila N. Achar, Angel Medina Vaya. 2024. Anti-Mycotoxin Strategies for Food and Feed. 288 pages. John Wiley & Sons publishers, Print ISBN:9781394160792 |Online ISBN:9781394160839 Copyright © 2000-2023 by John Wiley & Sons, Inc. | https://doi.org/ 10.1002/9781394160839



Editors: Deepa Nagaraju, **Sreenivasa Marikunte Yanjarappa,** Charith Raj Adkar-Purushothama 2025. Molecular Approaches for the Detection of Fungal Phytopathogens. CRC Press, Taylor & Francis Group, Copyright © 2025 CRC Press. Print ISBN:978-1-032-50395-0 |eBook ISBN:978-1-003-39970-4 | https://doi.org/10.1201/97810033997074.



Prizes and Recognition

2022-First prize for the research paper presentation at the AMI International Conference on 22th September, 2022 organized by AMI, New Delhi.

2017-First prize for the research paper presentation at the UPE-Sponsored National Symposium on 12th May, 2017 on "Trends in Microbiology" organized by Department of Studies in Microbiology, University of Mysore, Mysuru.

2016-First prize for the research poster presentation at Indian Phytopathological Society (IPS-2016, Southern Division)-January 5-6, 2016, University of Agricultural Sciences, Raichur, Karnataka, India.

2015-Third prize for the research paper presentation in UGC Sponsored National Symposium held at JSS college of Arts, Commerce and Science, March 23-24, Mysore, Karnataka, India.

2014-First prize for the research poster presentation at Indian Biodiversity Congress (IBC-2014)-December 18-20, School of Public Health, SRM University, Kattankulathur, Chennai, India.

2009-Second prize for the research paper presentation at National conference on Plant Biodiversity and Bioprospecting, March 16-17, DOS in Botany, University of Mysore, Mysore, Karnataka.

2009-Second prize for the poster presentation at National conference on Plant Biodiversity and Bioprospecting, March 16-17, DOS in Botany, University of Mysore, Mysore, Karnataka.

Research Projects Ongoing

Mentor for WOS A, 2023-2026, **Grant amount Rs 33.13 Lakhs** – Development of probiotic based nutraceutical feed for enhanced nutrition and anti-mycotoxin properties in poultry funded by Department of Science and Technology, India.

Co-Principal Investigator, 2023-2025, **Grant amount Rs 15.00 Lakhs** – Design and synthesis of potential JAK2 inhibitors via organic substrates from Di thioesters funded under K FIST Level 1, VGST, Govt of Karnataka, India.

Research Projects Funded

Co-Principal Investigator, 2010-**Grant amount USD $3500 -**Evaluation and characterization of essential oils for antifungal activity against mycotoxigenic *Aspergillus flavus* and *Aspergillus parasiticus* in peanuts funded by Kennesaw State University, Kennesaw, Georgia, USA.

Principal Investigator, 2011-2014 **Grant amount Rs 11.65 Lakhs** -Microbiological Screening and Molecular Characterization of Potential Probiotic strains from Traditional Fermented Food/Products used in Karnataka, India funded by UGC, India.

Principal Investigator, 2012-2015, **Grant amount Rs 19.45 Lakhs** - Development of Multiplex PCR for the Early Detection of Fumonisin-producing *Fusarium verticillioides* occurring on Cereals and Their Molecular characterization funded by Department of Science and Technology, India.

Mentor for WOS A, 2012, **Grant amount Rs 18.40 Lakhs** – Molecular detection and characterization of phytoplasma associated with little leaf of brinjal in South India funded by Department of Science and Technology, India.

Principal Investigator, 2017-2020, **Grant amount Rs 30.01 Lakhs** - Probiotic based broad spectrum anti-fungal technology for the total control of mycotoxigenic Fusarium species to increase the safety and shelf-life of cereal-based foods funded by Science and

Engineering Research Board, India.

Principal Investigator, 2021-2024, **Grant amount Rs 40.93 Lakhs** – Bioformulation of poultry feed with potential probiotics as mycotoxin binders funded under Core Research Grant by Science and Engineering Research Board, Govt of India, India.

Student's funded project

Research Guide, 2013, Saccharification of complex carbohydrates by bacteria isolated from the region of pests infesting *Jatropa curas* and bioethanol production funded by KSCST, Indian institute of Science, Bangalore, India.

Professional experience

Twenty years of teaching experience at post-graduation level from 07/02/2003 - to date. Working as a Professor in Microbiology.

Editor (Research topic) and Guest Associate Editor- Frontiers in Microbiology

Research Topic– 2023: **Microbiota Biodiversity of Traditional Fermented Products** launched and published from Frontiers in Microbiology under the section Food Microbiology.

Research Topic – 2023: **One Health Approach to Improve Food Safety"** launched and published from Frontiers in Microbiology under the section Food Microbiology.

Research Topic – 2023: **Probiotics: Mediators in Health and Disease"** launched and published from the journal Fermentation.

Whole genome sequencing

Rakesh S, Walid M, Riad Hammami and **M Y Sreenivasa**. 2022. *Levilactobacillus brevis* MYSN105, Isolated from an Indian Traditional Fermented Food. The assembled genome was deposited in GenBank under bioproject accession number PRJNA679667.

Rakesh S, Walid M, Riad Hammami and **M Y Sreenivasa**. 2023. *Lactobacillus casei* MYSN98, Isolated from an Indian Traditional Fermented Food. The assembled genome will be deposited in GenBank under bioproject.

Research Publications with impact factor (* Corresponding author)

1. Adithi G, S Rakesh, B Shruthi, S Divyashree, N Deepa, PR Vanitha, R Vasundaradevi, BV Deepthi and **M Y Sreenivasa*** **2025.** Biological decontamination of myco-toxigenic *Fusarium verticillioides* using *Lactiplantibacillus plantarum* MYSN128 isolated from traditional vellappam: Implications for food safety and global mycotoxin management. Current Microbiology, 82, 404. https://doi.org/10.1007/s00284-025-04401-z **IF 2.6 (Springer)**

2. Shruthi B, BV Deepthi, G Adithi, PR Vanitha and **M Y Sreenivasa*, 2025.** *Saccharomyces cerevisiae* MYSY1 as a promising probiotic isolate with antifungal properties against foodborne *Aspergillus* species. Biocatalysis and Agricultural Biotechnology**,** 67, 103749 https://doi.org/10.1016/j.bcab.2025.103649 **IF 3.4 (Elsevier)**
3. Vasundaradevi, R., Sarvajith, M., Divyashree, S. Deepa N, Achar PN* & **M Y Sreenivasa***, **2025.** Tropical fruit-derived *Lactiplantibacillus* as potential probiotic and antifungal agents against *Fusarium oxysporum*. *Scientific Reports,* **15**, 2144. https://doi.org/10.1038/s41598-025-85190-0 **IF 3.8 (Nature-Springer)**
4. Shruthi B., Rakesh S, G. Adithi, S. Divyashree, Mahadevakumar, S, Ajithkumar, **M Y Sreenivasa*, 2025.** Probiotic characterization and antifungal potentials of Pichia kudriavzevii MYSSBYPS10 isolated from traditionally fermented green gram dosa batter. Food Biotechnology, https://doi.10.1080/08905436.2025.2457678 **IF - 1.8 (Taylor & Francis)**
5. Bhaskar S*, Rashmi Shree KN, Apoorva KV & **M Y Sreenivasa*, 2024.** Adsorption – Advanced oxidation process (AAOP) for the heavy metals and organic matter removal from leachate using combined filtration -Fenton's and Photo-Fenton's treatment. *J of EnvironmentalManagement*, *371*, 123009. https://doi.org/10.1016/j.jenvman.2024.123009 **IF 8.0 (Elsevier)**
6. Pruthviraj, Naik MK, Nandish M, Ekabote SD, Ajithkumar, K, Shruthi B, Aditi G, Divyashree S, & **M Y Sreenivasa***, **2024.** Evaluation of *Lactiplantibacillus argentoratensis* MYSJK8 from Jackfruit for its multifarious antibacterial, probiotic, plant growth promoting and bio-control attributes. Journal of Crop Health. https://doi.org/10.1007/s10343-024-01050-3. **IF 2.4 (Springer)**
7. Shruthi B., N. Deepa, G. Adithi, S. Divyashree, **M Y Sreenivasa*, 2024.** Probiotic and functional attributes of yeasts isolated from different traditional fermented foods and products. Probiotics and Antimicrobial proteins. https://doi.org/10.1007/s12602-024-10342-z **IF 4.8 (Springer)**
8. Vanitha PR, Divyashree S, Shruthi B, Aditi G, Deepthi BV, and **M Y Sreenivasa* 2024.** *Limosilactobacillus fermentum* MYSY8, a Potential Probiotic Isolate from Fermented Rice Beverage for the Control of *Microsporum canis.* Food Biotechnology. 38(3), 314-342. DOI: https://doi.org/10.1080/08905436.2024.2383743 **IF - 1.8 (Taylor and Francis)**
9. Adithi G, S. Divyashree, B. Shruthi, N. Deepa & **M Y Sreenivasa*. 2024**. Evaluation of *Limosilactobacillus fermentum* MYSAGAM1 isolated from herbal Amla juice as a probiotic candidate with antifungal characteristics against *Fusarium equiseti*. Food Bioscience, 103843. DOI: https://doi.org/10.1016/j.fbio.2024.103843 **IF 5.6 (Elsevier)**
10. Josna Joy, Savitha, AS, Mahadevakumar, S, Ajithkumar, K, Mahesh, M, **M Y Sreenivasa***, and Lakshmidevi, N. **2024.** First report of Candidatus Phytoplasma australasia (16SrII-subgroup D) associated with virescence of Chia (Salvia hispanica L.) from India. Plant diseases Journal **IF 4.438 (American Phytopathological Society, USA).**
11. Suo B, Castro MP and **MY Sreenivasa***. **2024.** Editorial: Microbiota biodiversity of traditional fermented products. Front. Microbiol. 15:1380205. doi: 10.3389/fmicb.2024.1380205 **IF 5.2 (Frontiers)**
12. Vasundaradevi R, Sarvajith M, Somashekaraiah R, Adithi G and **M Y Sreenivasa***. **2024.** Antagonistic properties of Lactiplantibacillus plantarum MYSVB1 against Alternaria alternata: A putative probiotic strain isolated from the banyan tree fruit. Frontiers in Microbiology 15. doi: 10.3389/fmicb.2024.1322758 **IF 5.2 (Frontiers)**

13. Shruthi JB, KR Kiran, Gunashree KT, S Divyashree, **M Y Sreenivasa,** MP Sadashiva, Rangappa KS. **2024**. Synthesis of Piperidine Conjugated Quinoxalines as Potential Antibiofilm Agents. Letters in Drug Design & Discovery, 21 (4), 701-708. https://doi.org/10.2174/1570180820666221226152736 **IF 1.099 (Bentham Science)**
14. Divyashree, S., Ramith Ramu & **M Y Sreenivasa*,** 2023. Evaluation of new candidate probiotic lactobacillus strains isolated from a traditional fermented food- multigrain-millet dosa batter. Food Bioscience, 103450. DOI: https://doi.org/10.1016/j.fbio.2023.103450 **IF 5.6 (Elsevier)**
15. Fereidoun Forghani, **M Y Sreenivasa**, Byeonghwa Jeon. 2023. Editorial: One Health Approach to Improve Food Safety. Frontiers in Microbiology 14:1192449. DOI: 10.3389/fmicb.2023.1269425. **IF 5.2 (Frontiers)**
16. Bhaskar S., Manoj A., Resmi S. R., Divyashree S., **M Y Sreenivasa**. 2023. Process design and optimization of EDTA-biojarosite – a treatment approach in the Box–Behnken framework. *Water Practice and Technology*, 18 (12): 3109–3123. doi: https://doi.org/10.2166/wpt.2023.205 **IF 1.6 (IWA Publishers)**
17. Sukrutha KP, KR Kiran, Gunashree KT, Prerana P, S Divyashree, **M Y Sreenivasa,** MP Sadashiva. 2023. An Efficient Copper-Mediated Route for the Synthesis of 2- Substituted Benzothiazoles from Dithioesters and Investigation of Their Antibacterial Activities. Synthesis. DOI: 10.1055/a-2193-5436; Art ID: SS-2023-09-0389-OP. **IF 3.00 (Thieme)**
18. Pruthviraj, Naik MK, Naik GR, Nandish M, Ekabote SD, & **M Y Sreenivasa*** 2023**.** Antibacterial and Plant growth promoting attributes of *Limosilactobacillus* sp. MYSN3 isolated from Noni fruit. South African Journal of Botany, 162 (559-567). DOI: https://doi.org/10.1016/j.sajb.2023.09.041 **IF 3.11 (Elsevier)**
19. Bhaskar, S., Manu, B., **M Y Sreenivasa,** Manoj, A. 2023**.** Synthesis of plant-based biogenic jarosite nanoparticles using *Azadirachta indica* and *Eucalyptus gunni* leaf extracts and its application in Fenton degradation of dicamba, Water Science and Engineering, https://doi.org/10.1016/ j.wse.2023.08.003. **IF 4 (Elsevier)**
20. Vanitha PR, Somashekaraiah R, Divyashree S, Pan I and **M Y Sreenivasa***. 2023**.** Antifungal activity of probiotic strain *Lactiplantibacillus plantarum* MYSN7 against Trichophyton tonsurans. Frontiers in Microbiology 14:1192449. doi:10.3389/fmicb.2023.1192449 **IF 5.2 (Frontiers)**
21. Suresha D.E, Kousalyadevi, Pruthviraj, Mahadevakumar S and **M Y Sreenivasa*** 2023. First report of *Fusarium incarnatum* associated with fruit rot disease of drumstick (*Moringa oleifera* L.) in India. Plant diseases Journal DOI: 10.1094/PDIS-01-23-0102-PDN **IF 4.438 (American Phytopathological Society, USA).**
22. Divyashree, S., G. Adithi, & **M Y Sreenivasa*,** 2023. Isolation, evaluation and in-vitro characterization of *Lactobacillus* isolated from traditional fermented food- Finger Millet (*Eleusine coracana*) Batter for their probiotic attributes. Food Biotechnology. DOI - 10.1080/08905436.2023.2267121 **IF - 2.1 (Taylor and Francis)**
23. Divyashree, S., Shruthi, B., Vanitha, P., & **M Y Sreenivasa*,** 2023. Probiotics and their postbiotics for the control of opportunistic fungal pathogens: A review. Biotechnology Reports, e00800. https://doi.org/10.1016/j.btre.2023.e00800 **CiteScore 12.8 (Elsevier)**
24. Pruthviraj, Naik MK, Naik GR, Naik GB, Nandish M, Ekabote SD, & **M Y Sreenivasa*** 2023**.** Investigation on antibacterial, probiotic and plant growth promoting attributes of *Enterococcus faecium MYSBC14* from Blue Cherry. Journal of the Saudi Society of Agricultural Sciences. 22 (7), 439-448. https://doi.org/10.1016/j.jssas.2023.04.003 **CiteScore 11.4 (Elsevier)**

25. Savitha AS, Ajithkumar K, Mahadevakumar S, Maharachchcikumbura SSN, **M Y Sreenivasa*** 2022 *Didymella naikii* Savitha, Ajithk., Mahadevak., Maharachch. & Sreenivasa, sp. nov. Persoonia- Fungal Planet. Vol 49, 1443. **DOI:** https://doi.org/10.3767/persoonia.2022.49.08 **IF 10.66 (Fungal Biodiversity Institute, Netherlands)**
26. Adithi G, Rakesh Somashekaraiah, S. Divyashree, B. Shruthi, **M Y Sreenivasa*** 2022. Assessment of probiotic and antifungal activity of *Lactiplantibacillus plantarum* MYSAGT3 isolated from locally available herbal juice against mycotoxigenic *Aspergillus* species. Food Bioscience. 102118. https://doi.org/10.1016/j.fbio.2022.102118 **IF 5.6 (Elsevier)**
27. Deepa, N., Chennappa, G., Deepthi, B.V., Naik, M.K., Ramesha, K.P., Amaresh, Y.S., Satish, S. and **M Y Sreenivasa***. 2022. Antifungal potential of *Azotobacter* species and its metabolites against *Fusarium verticillioides* and biodegradation of fumonisin. Journal of Applied Microbiology. https://doi.org/10.1111/jam.15709 **IF 4.06 (Wiley Publishers)**
28. Divyashree S, Anjali P.G., Deepthi, B.V., Rakesh Somashekaraiah, Walid M, Riad Hammami, **M Y Sreenivasa*.** 2022. Black cherry fruit as a source of probiotic candidates with antimicrobial and antibiofilm activities against *Salmonella*. South African Journal of Botany, 150: 861-872. https://doi.org/10.1016/j.sajb.2022.08.045 **IF 3.11 (Elsevier)**
29. Bhaskar M, Basavaraj M and **M Y Sreenivasa***. 2022. Catalytic role of bioleached copper obtained from e-waste in non-ferrous Fenton's degradation of herbicide Ametryn in water. Journal of Sustainable Metallurgy, https://doi.org/10.1007/s40831-022-00589-7 **IF 4.0 (Springer)**
30. Preetham R, MS Vijaya Kumar, TR Swaroop, S Divyashree, KR Kiran, **M Y Sreenivasa,** MP Sadashiva, KS Rangappa. 2022. An Efficient Route for the Synthesis of 1,5-Disubstituted Tetrazoles and their Anti-Microbial Activity Against Salmonella Paratyphi. ChemistrySelect, 7:45. https://doi.org/10.1002/slct.202203079 **IF 2.3 (Wiley Publishers)**
31. Kumari VBC, Huligere SS, Ramu R, Naik Bajpe S, **M Y Sreenivasa**, Silina E, Stupin V and Achar RR. 2022. Evaluation of Probiotic and Antidiabetic Attributes of *Lactobacillus* Strains Isolated From Fermented Beetroot. Frontiers in Microbiology, 13:911243. doi: 10.3389/fmicb.2022.911243 **IF 5.2 (Frontiers)**
32. Nagaraja H, Chennappa Gurikar, Deepa N, Naik MK, Ajith Kumar K, Amaresh YS, Premila N Achar*, **M Y Sreenivasa** ***.** 2022. Antifungal potential of *Azotobacter salinestris* strain Azt 31 against phytopathogenic *Fusarium* spp. associated with cereals. Journal of Fungi; 8, 473. https://doi.org/ 10.3390/jof8050473 **IF 5.724 (MDPI)**
33. Bhaskar M, Rashmishree KN, Basavaraj M and **M Y Sreenivasa**. 2022. Sustainable replacement of EDTA – Biojarosite for commercial iron in the fenton's and UV – Fenton's degradation of Rhowedamine B – a process optimization using Box – Behnken method. Water Science and Technology, https://doi.org/10.1007/s40831-022-00589-7 **IF 1.6 (IWA Publishers)**
34. Ajithkumar K, Savitha A.S, Mahadevakumar S, Sujatha M, Maharachchcikumbura S.S.N., **MY Sreenivasa*,** Renuka M and Yenjarappa ST. 2022. First Report of Powdery Mildew Caused by *Erysiphe diffusa* on Cluster Bean in India. Plant diseases Journal. https://doi.org/10.1094/PDIS-03-22-0622-PDN **IF 4.438 (American Phytopathological Society, USA)**
35. Shruthi JB, KR Kiran, S Divyashree, **M Y Sreenivasa,** MP Sadashiva. 2022. Synthesis, characterization and antibacterial evaluation of N-(2-Morpholinoethyl)-3-phenylquinoxalin-2-amine derivatives. Journal of Heterocyclic Chemistry, https://doi.org/10.1002/jhet.4608 **IF 2.03 (Wiley Publishers)**

36. Shruthi B., N. Deepa, Rakesh Somashekaraiah, G. Adithi, S. Divyashree, **M Y Sreenivasa***, 2022, Exploring biotechnological and functional characteristics of probiotic yeasts: A review, Biotechnology Reports, e00716, https://doi.org/10.1016/j.btre.2022.e00716. **CiteScore 12.8 (Elsevier)**
37. Ajithkumar K, Savitha AS, Mahadevakumar S, Maharachchcikumbura S.S.N., **M Y Sreenivasa*,** Rathnakumar A.L and Sujatha M. 2021. First report of molecular detection of *Leveillula taurica* associated with powdery mildew of linseed (*Linum usitatissimum*) from India. Plant diseases Journal. https://doi.org/10.1094/PDIS-09-21-1937-PDN **IF 4.438 (American Phytopathological Society, USA)**
38. Ajithkumar K, Savitha AS, Mahadevakumar S, **M Y Sreenivasa*,** Naik MK, Rajanna B, Sathyanarayana R and Singh PK. 2021. A new host record for *Candidatus Phytoplasma cynodontis* (16Sr XIV-A) associated with phyllody and fasciation of linseed (*Linum usitatissimum*) from India. Letters in Applied Microbiology, doi: 10.1111/lam.13561, **IF 2.852 (Wiley Publishers)**
39. Divyashree S, P.G. Anjali, Rakesh Somashekaraiah, **M.Y. Sreenivasa*.** 2021. Probiotic properties of Lactobacillus casei – MYSRD 108 and Lactobacillus plantarum-MYSRD 71 with potential antimicrobial activity against *Salmonella paratyphi*. Biotechnology Reports, 32, e00672. https://doi.org/10.1016/j.btre.2021. e00672 **IF 4.92 (Elsevier)**
40. Deepa N, Achar PN, and **M Y Sreenivasa*.** 2021. Current perspectives of biocontrol agents for management of *Fusarium verticillioides* and Its Fumonisin in cereals—A Review. Journal of Fungi 2021, 7, 776. https://doi.org/10.3390/jof7090776 **IF 5.816 (MDPI)**
41. Rakesh S, Walid M, Adithi G, Udith J, Riad H and **M Y Sreenivasa***. 2021. Probiotic and Antifungal Attributes of *Levilactobacillus brevis* MYSN105, Isolated From an Indian Traditional Fermented Food Pozha. Frontiers in Microbiology. 12:696267. doi: 10.3389/fmicb.2021.696267, **IF 5.2 (Frontiers)**
42. Poornachandra Rao K, Hemanth Kumar N K Rakesh S, Murali S, Shobha Jagannath and **M Y Sreenivasa***. 2021. Probiotic attributes and inhibitory effects of *Lactobacillus plantarum* MYS84 against the growth and biofilm formation of Pseudomonas aeruginosa. Microbiology 90, 361–369. https://doi.org/10.1134/S0026261721030103 **IF 1.55 (Springer)**
43. Achar PN, Quyen P, Adukwu EC, Sharma A, Msimanga HZ, Nagaraja H, **M Y Sreenivasa.** 2020. Investigation of the Antifungal and Anti-Aflatoxigenic Potential of Plant-Based Essential Oils against *Aspergillus flavus* in Peanuts. Journal of Fungi; 6(4): 383. doi.org/10.3390/jof6040383 **IF 5.816 (MDPI)**
44. Bhaskar M, Basavaraj M and **M Y Sreenivasa*.** 2020. Bioleaching of iron from laterite soil using an isolated Acidithiobacillus ferrooxidans strain and application of leached laterite iron as Fenton's catalyst in selective herbicide degradation. Plos One, 16(3): e0243444. https://doi.org/10.1371/journal.pone.0243444 **IF 3.752**
45. Bhaskar M, Basavaraj M and **M Y Sreenivasa.** 2020. Bioleaching of iron from fly ash using a novel isolated *Acidithiobacillus ferrooxidans* strain and evaluation of catalytic role of leached iron in the Fenton's oxidation of Cephelaxin. Journal of Indian Chemical Society, 97: 360-367. **IF 0.243 (Elsevier)**
46. Deepa N and M Y Sreenivasa. 2019. Molecular methods and key genes targeted for the detection of fumonisin producing *Fusarium verticillioides* - An updated review. Food Bioscience. 32-100473 https://doi.org/10.1016/j.fbio.2019.100473 **IF 5.240 (Elsevier)**

47. Rakesh S, Shruthi S, Deepthi BV, and **M Y Sreenivasa***. 2019. Probiotic properties of lactic acid bacteria isolated from Neera: a naturally-fermenting coconut palm nectar, 10:1382. Frontiers in Microbiology, DOI: 10.3389/fmicb.2019.01382, **IF 5.2 (Frontiers)**
48. Bhaskar M, Basavaraj M and **M Y Sreenivasa*.** 2018. Bacteriological Synthesis of Iron hydroxysulphate using an isolated *Acidithiobacillus ferrooxidans* strain and its application in ametryn removal by fenton's oxidation process Journal of Environmental Management. **IF 8.9 (Elsevier)**
49. Deepa N, Rakesh S and **M Y Sreenivasa*.** 2018. Morphological, pathological and mycotoxicological variations among *Fusarium verticillioides* isolated from cereals. 3 Biotech 8:105 https://doi.org/10.1007/s13205-018-1136-z **IF 3.44 (Springer)**
50. Deepthi BV, Rakesh S, Poornachandra Rao K, Deepa N, Dharanesha NK, Girish K S and **M Y Sreenivasa***. 2017. *Lactobacillus plantarum* MYS6 ameliorates fumonisin B1-induced hepatorenal damage in broilers. Frontiers in Microbiology, doi: 10.3389/fmicb.2017.02317 **IF 5.2 (Frontiers)**
51. Poornachandra Rao K, Deepti B V, Rakesh S, Ganesh T, Premila Achar, **M. Y. Sreenivasa*.** 2017. Anti-aflatoxigenic potential of cell free supernatant from Lactobacillus plantarum MYS44 against *Aspergillus parasiticus*. Probiotics and Antimicrobial proteins. DOI: 10.1007/s12602-017-9338-y **IF 5.256 (Springer)**
52. Viveka S, Dinesha, Nagaraja GK, Shama P, Guru B, Poornachandra Rao K, **M Y Sreenivasa**. 2017. One pot synthesis of thiazolo[2,3-b]dihydropyrimidinone possessing pyrazole moiety and evaluation of their antiinflammatory and antimicrobial activities. Medicinal Chemistry Research. DOI 10.1007/s00044-017-2058-8 **IF 2.3 (Springer)**
53. Adkar-Purushothama C.R., Chennappa G., Poornachandra R.K., **M.Y. Sreenivasa**, PK Maheshwar., M N Nagendra Prasad., Sano T. 2017. Molecular diversity among viroids infecting chrysanthemum in India. Virus Genes. DOI 10.1007/s11262-017-1468-5. **IF 2.1 (Springer)**
54. Deepthi BV, Gnanaprakash AP and **M Y Sreenivasa*.** 2017. Effect of c-irradiation on fumonisin producing Fusarium associated with animal and poultry feed mixtures. 3 Biotech 7:57 DOI 10.1007/s13205-017-0693-x **IF 3.44 (Springer)**
55. Lingaraju GS, Rakesh S, Vinay Kumara KS, Poornachandra Rao K, **M Y Sreenivasa** and Sadashiva MP. 2017. Synthesis of New Benzofuran-Pyrazole Hybrids as Potential Antibiofilm Agents. Letters in Drug Design & Discovery, 14 (2), 186-194. DOI:10.2174/1570180813666160923170414 **IF 1.09 (Bentham Science)**
56. Deepthi BV, Rao KP, Chennapa G, Naik MK, Chandrashekara KT, **M Y Sreenivasa*.** 2016. Antifungal Attributes of *Lactobacillus plantarum* MYS6 against Fumonisin Producing *Fusarium proliferatum* Associated with Poultry Feeds. PLoS ONE 11(6): e0155122. DOI:10.1371/journal.pone.0155122. **IF 3.752 (Public Library of Science, USA)**
57. Viveka S, Dinesha, Shama P, Nagaraja GK, Deepa N, and **M Y Sreenivasa**. 2016. Design, synthesis, and pharmacological studies of some new Mannich bases and S-alkylated analogs of pyrazole integrated 1,3,4-oxadiazole. Research on Chemical Intermediates. 42:2597–2617. DOI 10.1007/s11164-015-2170-7 **IF 3.134 (Springer)**
58. Deepa N, Charith Raj **A P**, and **M Y Sreenivasa***. 2016. Multiplex PCR method for the early detection of fumonisin producing *Fusarium verticillioides*. Food Bioscience. 13:84-88. **IF 5.240 (Elsevier)**
59. Nagaraja H., Chennappa G., Rakesh S, Naik MK, Amaresh YS and **M. Y. Sreenivasa***. 2016. Antifusarial activity of *Azotobacter nigricans* against trichothecene-producing *Fusarium*

species associated with cereals. Food Science and Biotechnology. 25(4): 1197-1204. DOI 10.1007/s10068-016-0. **IF 3.231 (Springer)**

60. Chennappa G., Naik, M K., Adkar-Purushothama C.R., Amaresh Y.S., **M.Y. Sreenivasa*,** 2016. PGP, Abiotic Stress Tolerant and Antifungal activity of *Azotobacter* sp. Isolated from Paddy Soils. Indian Journal of Experimental Biology, 54(5) 322-331. **IF 0.818 (NISCIR, India)**
61. Deepa N, Charith Raj A P and **M Y Sreenivasa***. 2016. Nested PCR method for the early detection of fumonisin producing *Fusarium verticillioides* in pure cultures, cereal samples and plant parts. Food Biotechnology. 30(1): 18-29. **IF 1.564 (Taylor and Francis)**
62. Nagaraja H., Chennappa G., Poorna Chandra Rao K., Mahadevprasad G., and **M Y Sreenivasa***. 2016. Diversity of toxic and phytopathogenic Fusarium species occurring on cereals grown in Karnataka state, India. 3Biotech. 6:57. **IF 3.44 (Springer)**
63. Vandana Yadav, Mahadevakumar S., Tejaswini, Shilpa N., Amruthavalli C., Janardhana G.R. and **M Y Sreenivasa.** 2016. First report of 16SrII-D phytoplasma associated with eggplant big bud (*Solanum melongena L.*) in India. Plant diseases Journal. 100(2): 517. **IF 4.438 (American Phytopathological Society, USA)**
64. Deepa N, H Nagaraja, **M Y Sreenivasa***. 2016. Prevalence of fumonisin producing Fusarium verticillioides associated with cereals grown in Karnataka (India). Food Science Human Wellness, 5:156-162. http://dx.doi.org/10.1016/j.fshw.2016.07.001**. IF 8.022 (Elsevier)**
65. Adkar-Purushothama C.R., Poornachandra R.K., Chennappa G., **M Y Sreenivasa**, M N Nagendra Prasad., PK Maheshwar., Sano T. 2015. Molecular identification of Chrysanthemum chlorotic mottle viroid Infecting Chrysanthemum in Karnataka, India. Plant diseases Journal. 99(12):1868. **IF 4.438 (American Phytopathological Society, USA)**
66. Vandana Yadav, Mahadevakumar S, **M Y Sreenivasa,** Janardhana G.R**.** 2015. First report on the occurrence of virescence of *Chrysanthmum* associated with 16Sr II-A group *phytoplasma* in India. Plant diseases Journal. 99(11):1641. **IF 4.438 (American Phytopathological Society)**
67. Poornachandra Rao K, Chennappa G, Suraj U, Nagaraja H, Charith Raj A P, and **M Y Sreenivasa*.** 2015. Probiotic potential of *Lactobacillus* strains isolated from sorghum based traditional fermented food. Probiotics and Antimicrobial proteins. 7:146–156. **IF 5.256 (Springer)**
68. Adkar-Purushothama C.R., Poornachandra R.K., and **M Y Sreenivasa**, Sano T. 2014. Detection, distribution and genetic divergence of *Australian grapevine viroid* (AGVd) in grapevines in India. Virus Genes. 49 (2), 304-311. **IF 2.1 (Springer)**
69. Sahana A.B., Nagaraja H, Maheshwar P.K., and **M Y Sreenivasa**, Nagendra Prasad M.N., Adkar-Purushothama C.R. 2014. Affordable and reliable plant sap-mediated template preparation for the detection of various phytopathogens by PCR assay. Phytoparasitica. 42 (4), 519-527. **IF 1.80 (Springer)**
70. Chennappa G., C. R. Adkar-Purushothama, Umdale Suraj, K. Tamilvendan, and **M Y Sreenivasa*,** 2014. Pesticide tolerant Azotobacter isolates from paddy growing areas of northern Karnataka, India. World Journal of Microbiology and Biotechnology, 30, 1-7. **IF 4.253. (Springer)**
71. Sahana Bhaskara A., Jawad Ahmed B.N., Adkar-Purushothama C.R., Nagendra Prasad M.N., and **M Y Sreenivasa**, Maheshwar P.K. 2013. Evaluation of efficiency of hemi-nested

PCR assay for the detection of "Candidatus Liberibacter' infecting citrus. Journal of Plant diseases and Protection. 120 (5/6), 189-193. **IF 1.847 (Springer)**

72. Sahana AB, Adkar-Purushothama Charith Raj, Chennappa G, and **M Y Sreenivasa**, Teuro Sano, 2013. First report of Grapevine yellow speckle viroid-1 and Hop stunt viroid infecting grapevines (Vitis vinifera) in India. Plant Disease, 97(11), 1517. **IF 4.438 (American Phytopathological Society)**
73. Adkar-Purushothama Charith Raj, Nagaraja H, and **M Y Sreenivasa**, Teuro Sano, 2013. First report of *Coleus blumei viroid* infecting coleus in India. Plant Disease 97(1), 149. **IF 4.438 (American Phytopathological Society)**
74. Achar, P.N., Galdo and **M Y Sreenivasa**. 2012. Comparative studies on the changes of total soluble proteins and protease activity in commercial peanuts contaminated by *Aspergillus flavus.* Archives of Phytopathology and Plant Protection, 45(2), 220–227. **IF - 0.290 (Taylor and Francis)**
75. **M Y Sreenivasa**, Regina S. Dass, Adkar-Purushothama Charith Raj, Mysore N. Nagendra Prasad, Premila N. Achar, Gotravalli R. Janardhana, 2011. Assessment of the growth inhibiting effect of some plant essential oils on different *Fusarium* species isolated from sorghum and maize grains. Journal of Plant diseases and Protection, 118 (6), 208–213. **IF 1.847 (Springer)**
76. Charith Raj A. P., **M Y Sreenivasa,** P. K. Maheshwar and G. R. Janardhana. 2011. First report on C*itrus tristeza virus* associated with stem-pitting disease of C*itrus decumana* in India. Journal of Plant Pathology, 93 (4), S4.63-S4.89. **IF – 2.643. (Italian Phytopathological Society)**
77. Okwu G. I., P. N. Achar, M. J. Ikenebomeh and **M Y Sreenivasa**. 2011. Studies of food thickeners used in Nigeria for contamination by aflatoxigenic forms of *Aspergillus* and their detection by PCR. African Journal of Biotechnology. 10(43) 8641-8646. **IF - 0.57. (Springer)**
78. Regina Sharmila Dass, **M Y Sreenivasa,** A.P. Charith Raj and G. R. Janardhana. 2009. PCR-based assay for the rapid detection of Fumonisin-producing *Fusarium* species in Maize-based animal and poultry feeds in Karnataka, India. Archives of Phytopathology and Plant Protection 42(8): 796-804. **IF - 0.290 (Taylor and Francis)**
79. Nagendraprasad M.N., S.S. Bhat, N.Haraprasad, **M Y Sreenivasa,** K.A. Raveesha and. G.R. Janardhana. 2008. Study of die-back disease incidence of neem in Karnataka, India and PCR based identification of the isolates. Archives of Phytopathology and Plant Protection 43(5): 446-453. **IF - 0.290 (Taylor and Francis)**
80. **M Y Sreenivasa,** M. T. Gonzalez – Jaen, Regina Sharmila Dass, A.P. Charith Raj, and G. R. Janardhana. 2008. PCR-based assay for the detection and differentiation of potential fumonisin producing *F. verticillioides* isolated from Indian maize kernels. Food Biotechnology, 22: 160-170. **IF - 2.1 (Taylor and Francis)**
81. **M Y Sreenivasa,** Regina Sharmila Dass, A. P. Charith Raj and G. R. Janardhana. 2008. PCR-based detection of genus *Fusarium* and Fumonisin-producing isolates from freshly

harvested Sorghum grains grown in Karnataka, India. Journal of Food Safety, 28: 236-237. **IF- 2.449. (Wiley Publications)**

82. **M Y Sreenivasa,** Regina Sharmila Dass, A. P. Charith Raj and G. R. Janardhana. 2006. Molecular Detection of Fumonisin Producing Fusarium Species of freshly harvested maize kernels using Polymerase Chain Reaction (PCR), Taiwania, 51 (4): 251-257. **IF- 0.925.**

Research Publications in peer reviewed journals

83. Deepthi B.V., N. Deepa, P.R. Vanitha, **M.Y. Sreenivasa**, 2022. Stress responses on the growth and mycotoxin biosynthesis of *Fusarium proliferatum* associated with stored poultry feeds, Applied Food Research, 2 (1), 100091. https://doi.org/10.1016/j.afres.2022.100091 **(Elsevier)**
84. Bhaskar M, Basavaraj M and **M Y Sreenivasa.** 2022. Bioleached laterite nano iron catalyst (BLaNFeCs)-based Fenton's degradation of selective dyes in water. H2Open Journal, 5 (4): 713–721.https://doi.org/10.2166/h2oj.2022.045.
85. Sumalatha P., **M.Y. Sreenivasa** and P.K. Maheshwar. 2021. Diversity of fungi associated with Onion (Allium cepa) and Ginger (Zingiber officinale) produced from Karnataka, India. Eco. Env. & Cons. 27: 2021; pp. (S302-S311).
86. Bhaskar M, Basavaraj M and **M Y Sreenivasa.** 2019. Evaluation of catalytic efficiency of extracted iron from biosynthesized jarosite in the Fenton's oxidation of an herbicide Dicamba. International J. of Science and Innovative Engineering & Technology. 7: 1-7.
87. Ajithkumar K, Naik MK, **M Y Sreenivasa**, Gangadhar Naik, Amaresh YS and Girijesh GK. 2019. Evaluation of maize hybrids and inbred lines for resistance to pre-harvest aflatoxin and fumonisin producing fungal contamination in the field. International Journal of Chemical Studies. 7(4): 809-818.
88. Deepa N and **M Y Sreenivasa**. 2017. Fumonisins: A Review on its Global Occurrence, Epidemiology, Toxicity and Detection. Journal of Veterinary Medicine and Research 4(6): 1093.
89. Deepa N and **M Y Sreenivasa**. 2017. *Fusarium verticillioides*, a Globally Important Pathogen of Agriculture and Livestock: A Review. Journal of Veterinary Medicine and Research 4(4): 1084.
90. Poornachandra Rao K, Hemanth Kumar N K and **M Y Sreenivasa**. 2017. Characterization of Probiotic *Lactobacillus plantarum* MYS14 Isolated from Sannas, a Traditional Fermented Food for its Therapeutic Potential. Current Nutrition & Food Science, (13) 1-11. **(Bentham Science)**
91. Poornachandra Rao K. and **M.Y. Sreenivasa**. 2017. Probiotic *Lactobacillus* Strains. The Future Biological Missiles to Treat Autism Spectrum Disorder: A Short Communication. Current Nutrition & Food Science. (13) 1-3. **(Bentham Science)**
92. Poornachandra Rao K. and M.Y. Sreenivasa. 2016. Probiotic *Lactobacillus* Strains and Their Antimicrobial Peptides to Counteract Biofilm- Associated Infections- A Promising Biological Approach. SM Journal of Bioinformatics and Proteomics. 1(2): 1009. **(SM Open Access Journals)**

93. K. Poornachandra Rao, N.K. Hemanth Kumar and M.Y. Sreenivasa. 2016. Therapeutic Potential of Probiotic Lactobacillus plantarum MYS94 against *Campylobacter jejuni*. International Journal of Current Microbiology and Applied Sciences. 5(12): 869-883.
94. Yooussef M M, Quyen Pham, P N Achar and **M Y Sreenivasa**. 2016. Antifungal activity of essential oils on *Aspergillus parasiticus* isolated from peanuts. Journal of Plant Protection and Research, 56 (2), 139–142. DOI: 10.1515/jppr-2016-0021
95. Vandana Yadav, Mahadevakumar S., Janardhana G.R., Amruthavalli C. and **M.Y. Sreenivasa.** 2015. Association of a new 16SrVI subgroup phytoplasma with Little Leaf of Brinjal (*Solanum melongena*) Grown in Karnataka State (India). International Journal of Microbiology Research. 7(6): 703-709.
96. Vandana Yadav, Mahadevakumar S., Janardhana G.R., Amruthavalli C. and **M.Y. Sreenivasa.** 2015. Molecular detection of *Candidatus* Phytoplasma trifolii associated with Little Leaf of Brinjal from Kerala State of Southern India. International Journal of Life Science. 9(6):109-112. (IJLS, Nepal)
97. Chennappa G., C. R. Adkar-Purushothama, Umdale Suraj, K. Tamilvendan, **M.Y. Sreenivasa,** 2014. Impact of Pesticides on PGPR Activity of Azotobacter sp. Isolated from Pesticide Flooded Paddy Soils. Greener Journal of Agricultural Sciences, 4 (4), 117-129**. (Greener Journals)**
98. **M.Y. Sreenivasa**, Diwakar BT, Adkar-Purushothama Charith Raj, Regina Sharmila Dass, K A Naidu, G R Janardhana. 2013. Toxigenic *Fusarium* species and Fumonisin B1 and B2 associated with freshly harvested Sorghum and Maize grains produced in Karnataka, India. Annals Food Science and Technology, 14(1), 100-107.
99. **M.Y. Sreenivasa**, Adkar-Purushothama Charith Raj, Regina Sharmila Dass, Janardhana GR, 2012. Diversity of Fusarium species associated with Maize and Sorghum grains grown in Karnataka, India. Fungal science. 26(2) 111-123.
100. **M.Y. Sreenivasa**, Diwakar BT, Adkar-Purushothama Charith Raj, Regina Sharmila Dass, K A Naidu, G R Janardhana, 2012. Determination of toxigenic potential of *Fusarium* species occurring on sorghum and maize grains produced in Karnataka, India by using Thin Layer Chromatography. International Journal of Life Sciences, 6(1), 31-36.
101. **M.Y. Sreenivasa**, Regina Sharmila Dass, A. P. Charith Raj and G. R. Janardhana. 2011. Mycological evaluation of Maize grains produced in Karnataka (India) for the post harvest fungal contamination. World Applied Sciences Journal, 13(4), 688 – 692.
102. **M.Y. Sreenivasa,** Regina Sharmila Dass, and G. R. Janardhana. 2010. Post harvest fungi associated with sorghum grains produced in Karnataka (India). Journal of Plant Protection Research, 50(3): 335-339.
103. Nagendra Prasad M.N., S. Shankara Bhat and **M.Y. Sreenivasa.** 2010. Antifungal activity of essential oils against *Phomopsis azadirachtae*- the causative agent of die-back disease of neem. Journal of Agricultural Technology, 6 (1): 127-133.
104. **M.Y. Sreenivasa,** P.K. Maheshwar, K.R. Sanjay, B.T. Diwakar, K.A. Naidu and G.R. Janardhana, 2009. Effect of gamma irradiation on the incidence and fumonisins

production by *Fusarium* species occurring on maize and sorghum grains. Journal of Agricultural Technology, 5 (2): 325-335.

105. Regina Sharmila Dass, **M.Y. Sreenivasa** and G.R. Janardhana 2007. High incidence of *Fusarium verticillioides* in animal and poultry feed mixtures produced in Karnataka, India. Plant Pathology Journal, 6(2): 174- 178.

Popular articles in global websites

106. Deepthi BV and **M Y Sreenivasa**. 2020. Fumonisins - The underrated mycotoxins in poultry, livestock and humans. mycotoxinsite. com https://mycotoxinsite.com/home/?lang=en

107. **M Y Sreenivasa**. 2020. Facing the global mycotoxins challenge. mycotoxinsite. com https://mycotoxinsite.com/home/?lang=en

108. Divyashree S and **M Y Sreenivasa**. 2022. "Probiotics: Next-generation therapeutics against mycotoxicosis and other microbial complications in the poultry industry" mycotoxinsite. com https://mycotoxinsite.com/probiotics-next-generation-therapeutics-mycotoxicosis-microbial-complications-poultry-industry/?lang=en

Editorial article

109. **M.Y. Sreenivasa**, 2012. Fumonisin – A potential carcinogen is of global concern. Research Journal of Biotechnology. Vol. 7 (4), 1-2**. IF. 0.26**

Book Chapters published

110. Shruthi B, Adithi G & **M Y Sreenivasa*.** 2025. *In-situ* hybridization for the detection of Fungal Phytopathogens. In: Molecular Approaches for the Detection of Fungal Phytopathogens, pp 145 - 154. CRC Press, Print ISBN:978-1-032-50395-0 |eBook ISBN:978-1-003-39970-4 |DOI:10.1201/97810033997074.

111. Deepa N & **M Y Sreenivasa*.** 2025. Polymerase Chain Reaction and its variants as detection tools for Fungal Phytopathogens. In: Molecular Approaches for the Detection of Fungal Phytopathogens, pp 61 - 75. CRC Press, Print ISBN:978-1-032-50395-0 |eBook ISBN:978-1-003-39970-4 |DOI:10.1201/97810033997074.

112. Deepa N, Angel M Vaya, **M Y Sreenivasa*.** 2024. Advanced Anti-Fumonisin strategies in Food and Feed. In: Anti-Fumonisin strategies in Food and Feed, pp 31 - 57. John Wiley & Sons publishers, Print ISBN:9781394160792 |Online ISBN:9781394160839 Copyright © 2000-2023 by John Wiley & Sons, Inc. |DOI:10.1002/9781394160839.

113. Divyashree S, Adithi G, Shruthi B, **M Y Sreenivasa*.** 2024. Patulin – Effective mitigation strategies in Food and Feed. In Anti-Fumonisin strategies in Food and Feed, pp 83 - 100. John Wiley & Sons publishers, Print ISBN:9781394160792 |Online ISBN:9781394160839 Copyright © 2000-2023 by John Wiley & Sons, Inc. |DOI:10.1002/9781394160839.

114. Vadamalai G., Charith Raj Adkar-Purushothama, S.S. Thanarajoo, Y. Iftikhar, B. Shruthi, **M Y Sreenivasa**, Teruo Sano, 2024. Chapter 5 - Viroids diseases and its distribution in Asia, Editor(s): Charith Raj Adkar-Purushothama, Teruo Sano, Jean-Pierre Perreault, Sreenivasa Marikunte Yanjarappa, Francesco Di Serio, José-Antonio Daròs, Fundamentals of Viroid Biology, Academic Press, Pages 85-107, ISBN 9780323996884, https://doi.org/10.1016/B978-0-323-99688-4.00004-3. (https://www.sciencedirect.com/science/article/pii/B9780323996884000043)
115. Hemanth Kumar N.K., K. Poornachandra Rao, Rakesh Somashekaraiah, Shobha Jagannath, **M.Y. Sreenivasa***, 2023, 15 - Recent advances and challenges in peptide drug development, Editor(s): K. Ajesh, K. Sreejith, Antimicrobial Peptides, Academic Press, Pages 297-310, ISBN 9780323856829, https://doi.org/10.1016/B978-0-323-85682-9.00001-5
116. Chennappa G, **M.Y. Sreenivasa**, N.A. Nanje Gowda, A.C. Lokesh, 2022. Azotobacter—A potential symbiotic rhizosphere engineer, Editor(s): Ramesh Chandra Dubey, Pankaj Kumar, Rhizosphere Engineering, Academic Press, Pages 97-112, ISBN 9780323899734, https://doi.org/10.1016/B978-0-323-89973-4.00010-7
117. Deepa N., Charith Raj Adkar-Purushothama, **M.Y. Sreenivasa**. 2021. Molecular technologies for the early detection of fungal phytopathogens associated with cereal crops, Editor(s): Jay Shankar Singh, Shashank Tiwari, Chhatarpal Singh, Anil Kumar Singh, Microbes in Land Use Change Management, Elsevier, 2021, Pages 137-154, ISBN 978012824448-7, https://doi.org/10.1016/B978-0-12-824448-7.00009-7.
118. Hemanth Kumar N.K., Murali M., Gowtham H.G., **M Y Sreenivasa**, Amruthesh K.N., Jagannath S. 2021. Application of Microbial Nanotechnology in Agriculture. In: Ansari M.A., Rehman S. (eds) Microbial Nanotechnology: Green Synthesis and Applications. Springer, Singapore. https://doi.org/10.1007/978-981-16-1923-6_13
119. Bhaskar S., Manu B., **M.Y. Sreenivasa**. 2021. Green Synthesis of Bioleached Flyash Iron Nanoparticles (GBFFeNP) Using *Azadirachta Indica* Leaves and Its Application as Fenton's Catalyst in the Degradation of Dicamba. In: Das B.B., Nanukuttan S.V., Patnaik A.K., Panandikar N.S. (eds) Recent Trends in Civil Engineering. Lecture Notes in Civil Engineering, vol 105. Springer, Singapore. https://doi.org/10.1007/978-981-15-8293-6_31
120. Hemanth Kumar N.K., M. Murali, H.V. Girish, S. Chandrashekar, K.N. Amruthesh, **M.Y. Sreenivasa** and Shobha Jagannath. 2020. Impact of climate change on biodiversity and shift in major biomes. Editor(s): Suruchi Singh Pardeep Singh S. Rangabhashiyam K.K. Srivastava. **eBook ISBN:** 9780128230978. **Paperback ISBN:** 9780128229286, Elsevier.
121. Deepa N and **M.Y. Sreenivasa.** 2019. Sustainable approaches for biological control of mycotoxigenic fungi and mycotoxins in cereals, Editor(s): Jay Shankar Singh, New and Future Developments in Microbial Biotechnology and Bioengineering, Elsevier, 149-161, ISBN 9780128182581, https://doi.org/10.1016/B978-0-12-818258-1.00009-1.
122. Deepa N and **M.Y. Sreenivasa.** 2019. Biocontrol Strategies for Effective Management of Phytopathogenic Fungi Associated With Cereals, In: Singh JS., Singh DP. (eds) New and

Future Developments in Microbial Biotechnology and Bioengineering, Elsevier, pp, 177-189, ISBN 9780444641915, https://doi.org/10.1016/B978-0-444-64191-5.00013-4

123. Chennappa G., Naik M.K., Nidoni Udaykumar, Vidya M., **M.Y. Sreenivasa**, Amaresh Y.S. and Mathad P.F. 2019 Plant growth promoting microbes: a future trend for environmental sustainability, Editor(s): Jay Shankar Singh, New and Future Developments in Microbial Biotechnology and Bioengineering, Elsevier, 149-161, ISBN 9780128182581, https://doi.org/10.1016/B978-0-12-818258-1.00009-1.
124. Chennappa G., Udaykumar N, Vidya M, Nagaraja H, Amaresh YS, **M.Y. Sreenivasa**, 2019. *Azotobacter*—A Natural Resource for Bioremediation of Toxic Pesticides in Soil Ecosystems, In: Singh JS., Singh DP. (eds) New and Future Developments in Microbial Biotechnology and Bioengineering, Elsevier, pp. 267-279, ISBN 9780444641915, https://doi.org/10.1016/B978-0-444-64191-5.00019-5.
125. Amaresh, Y. S., Chennappa, G., Avinash, S., Naik, M. K., **M Y Sreenivasa,** (2019). *Trichoderma—a new strategy in combating agriculture problems. New and Future Developments in Microbial Biotechnology and Bioengineering, 235–244.* doi:10.1016/b978-0-12-818258-1.00015-7
126. Chennappa G., Nagaraja H., **M.Y. Sreenivasa** 2018. *Azotobacter salinestris*: A Novel Pesticide-Degrading and Prominent Biocontrol PGPR Bacteria. In: Panpatte D., Jhala Y., Vyas R., Shelat H. (eds) Microorganisms for Green Revolution. Microorganisms for Sustainability, vol 2. Springer, Singapore. https://doi.org/10.1007/978-981-10-7146-1.
127. Chennappa G., Naik M.K., Amaresh Y.S., Nagaraja H., **M.Y. Sreenivasa** 2017. *Azotobacter*: A Potential Biofertilizer and Bioinoculants for Sustainable Agriculture. In: Panpatte D., Jhala Y., Vyas R., Shelat H. (eds) Microorganisms for Green Revolution. Microorganisms for Sustainability, vol 1. Springer, Singapore.
128. Poornachandra Rao and **M. Y. Sreenivasa**. 2017. Insights on the role of probiotic strains in the prevention of chronic diseases. In Probiotics and Diet for Chronic Diseases Prevention. Open Access E-Books, 919 North Market Street Suite 425 Wilmington, DE 19801.
129. Chennappa G., Naik M.K. and **M Y Sreenivasa** 2016. *Azotobacter*: PGPR activities with special reference to effect of pesticides and biodegradation. In: Singh DP, Singh HB, Prabha R (eds) Microbial inoculants in sustainable agricultural productivity, vol 1. Springer, New Delhi, pp 229–244.
130. Achar P.N. and **M Y Sreenivasa**. 2015. *Aspergillus* species, Carcinogenic mold in peanuts – A global health treat. In Women, Technology and Development. Ed. P Vasudevan et al. Narosa Publishing House, New Delhi
131. Janardhana G. R., Regina Sharmila Dass and **M Y Sreenivasa**. 2009. Fumonisins – A new class of Fusarial toxins. In Frontiers in Fungal Ecology, Diversity and Metabolites. Ed: K A Sridhar et al. I. K. International Publishing House Pvt. Ltd. New Delhi.

Editorial/review editor responsibilities from peer reviewed journals

- **Review editor –** Frontiers in Microbiology, IF 5.640, Frontiers, Switzerland
- **Review editor –** Frontiers in Pharmacology, IF 5.8, Frontiers, Switzerland
- **Reviewer –** Plant disease, IF 4.3, American Phytopathology Society, USA
- **Reviewer –** Journal of Environmental Management, IF 6.6, Elsevier
- **Reviewer –** Journal of the Science of the Total Environment, IF 10.2, Elsevier
- **Reviewer –** Scientific Reports, IF 4.2, Nature publications
- **Reviewer –** Food BioScience, IF 3.9, Elsevier
- **Reviewer –** World Journal of Microbiology, IF 2.4, Elsevier
- **Reviewer –** World Journal of Microbiology, IF 2.4, Elsevier
- **Reviewer –** Journal of Applied Microbiology, IF 4.2 Wiley publications
- **Reviewer –** Letters in Applied Microbiology, IF 2.8 Wiley publications
- **Reviewer** – Probiotics and antimicrobial proteins, IF 4.3, Springer
- **Reviewer –** PLOS ONE, IF 2.7, PLoS Publishers, USA
- **Reviewer –** Food Biotechnology, IF 1.01, Taylor & Francis

Research experience: Thirteen years of research experience in the field of Microbiology

No. of thesis awarded: 07
No. of Scholars currently working: 08
No. of Research Associates currently working: 02
No. of Ph D Thesis evaluated: 28
No. of Foreign Ph D/ Master Thesis evaluated: 02
No. of M Sc Project students guided: 44

Sl. No	Name of the Research Student	With/ Without Fellowship	Enrolment Year	Remarks
1	Nagaraja H	RGNF Fellowship	2009	Ph D Awarded
2	Chennappa G	Without Fellowship	2010	Ph D Awarded
3	Vandana Yadav	DST-WOS-A	2011	Ph D Awarded
4	Poornachandra Rao K	UGC and ICMR SRF	2012	Ph D Awarded
5	Deepthi B V	RGNF Fellowship	2012	Ph D Awarded
6	Deepa N	ICMR SRF Fellowship	2012	Ph D Awarded
7	Rakesh S	ICMR SRF Fellowship	2016	Ph D Awarded
8	Divyashree S	ICMR SRF Fellowship	2018	Thesis submitted
9	Adithi G	SERB SRF Fellowship	2019	Thesis submitted
10	Vanitha Ramachandran	Without fellowship	2019	Thesis submitted
11	Shruthi D	ICMR SRF Fellowship	2020	
12	Vasundara Urs	Without Fellowship	2018	
13	Spoorty	Without fellowship	2022	
14	Dhanuja S	Without fellowship	2023	
15	Mohammed	Without fellowship	2024	
16	Shivakumargowda	OBC Fellowship	2024	
17	Supritha	Without fellowship	2025	

MOOCS / SWAYAM E-learning content development and delivery

Sl. No.	Title of the Topic	Course/Subject	E-Script writing	Video Presenter	E content developed
1	Photophosphorylation	**Microbial Physiology (M. Sc., in Microbiology)**	Yes	Yes	-
2	Photosynthetic pigments and apparatus in bacteria		Yes	Yes	-
3	Difference between oxygenic and anoxygenic photosynthesis		Yes	Yes	-
4	C3 and C4 pathways		Yes	Yes	-
5	Enzymes - Structure and classification		Yes	Yes	-
6	Mechanism of action of enzymes		Yes	Yes	-
7	Factors affecting rates of Enzyme mediated reactions		Yes	Yes	-
8	Role of ATP in metabolism		Yes	Yes	-
9	Structure of viruses	**Virology (M.Sc., in Microbiology)**	Yes	Yes	-
10	Discovery, nature, origin and evolutionary importance of viruses		Yes	Yes	-
11	Viral taxonomy, classification and nomenclature of different groups of viruses		Yes	Yes	-
12	Isolation, purification and cultivation of viruses		Yes	Yes	-
13	Virus replication strategies		Yes	Yes	-
14	Viral nucleic acid and protein synthesis		Yes	Yes	-
15	Intracellular trafficking, assembly, maturation and release		Yes	Yes	-
16	Host response to viral infection		Yes	Yes	-
17	Probiotics and prebiotics	**NME- ICT project of CEC-UGC**	Yes	Yes	Yes
18	Traditional fermented foods		Yes	Yes	Yes
19	Mycotoxins in poultry		Yes	Yes	Yes

20	Genetically Modified Foods	**Food Technology**	Yes	Yes	Yes
21	Issues in Genetic Engineering		Yes	Yes	Yes
22	Food poisoning		Yes	Yes	Yes
23	Microorganisms in Food		Yes	Yes	Yes
24	Food as substrate for microbes		Yes	Yes	Yes
25	Food laws and controlling agencies		Yes	Yes	Yes
26	Food borne diseases		Yes	Yes	Yes
27	History and development of food microbiology		Yes	Yes	Yes
28	Fermentors – design. Types and media		Yes	Yes	Yes
29	Downstream processing of fermented foods		Yes	Yes	Yes
30	HACCP and ISO		Yes	Yes	Yes
31	GMP and GLP		Yes	Yes	Yes
32	Yeast fermentation		Yes	Yes	Yes
33	Single cell protein		Yes	Yes	Yes
34	Beer		Yes	Yes	Yes
35	Wine		Yes	Yes	Yes
36	Vinegar		Yes	Yes	Yes
37	Cheese		Yes	Yes	Yes
38	Butter milk		Yes	Yes	Yes
39	Yogurt		Yes	Yes	Yes
40	Acidophilus milk		Yes	Yes	Yes
41	Distilled spirits		Yes	Yes	Yes
42	Poultry		Yes	Yes	Yes
43	Sterilization equipments		Yes	Yes	Yes
44	Laminar Air Flow		Yes	Yes	Yes
45	Microbial spoilage of fish, meat and egg		Yes	Yes	Yes
46	Importance of fats and oils		-	Yes	Yes
47	Rice bran oil extraction		-	Yes	Yes
48	Sources of fats and oils		-	Yes	Yes
49	Food and its nutrients		Yes	Yes	Yes
50	Food groups		Yes	Yes	Yes
51	Food adulteration and its detection		Yes	Yes	Yes

52	Food regulatory agencies and their laws		Yes	Yes	Yes

Resource person: Actively involved in reviewing the E contents developed by the other subject experts for different E courses developed for MOOCS and SWAYAM.

Host Scientist

Hosted a DBT Raman fellow for African Dr. Abraham Yirgu from Ethiopia for the research work on fungal diversity between Ethiopia and India.

Professional Recognition

- Chairman- Board of Examination (BOE) Post Graduate Microbiology, University of Mysore, Mysore. Karnataka. (2008-09, 2013-14, 2017-18, 2022-23)
- Chairman- Board of Examination (BOE) Post Graduate Embryology, Asia Pacific Institute of Embryology, Mysore. Karnataka. (2020-21)
- Member- Board of Studies (BOS) Post Graduate Microbiology, University of Mysore, Mysore. Karnataka (2017-19, 2019-20, 2020-21)
- Member- Board of Studies (BOS) Post Graduate Embryology, Asia Pacific Institute of Embryology, Mysore. Karnataka (2020-23)
- Member- Board of Studies (BOS) Post Graduate Yoga, University of Mysore, Mysore. Karnataka (2020-23)
- Member- Board of Studies (BOS) Post Graduate Microbiology, University of Mysore, Mysore. Karnataka (2017-19, 2019-20, 2020-21)
- Member- Board of Studies (BOS) Post Graduate Environmental Science, KSOU University, Mysore. Karnataka (2017-20)
- Member- Board of Studies (BOS) Under Graduate Microbiology, Gulbarga University, Shimoga, Karnataka (2017-20)
- Member- Board of Studies (BOS) Under Graduate Microbiology, YCM, University of Mysore, Mysore. Karnataka (2018-20, 2022-23)
- Member- Board of Studies (BOS) Under Graduate Microbiology, St. Joseph's College, Mysore. Karnataka (2018-20)
- Member- Board of Studies (BOS) Under Graduate Microbiology, Mahajana Degree College, Mysore. Karnataka (2018-20, 2021-23)
- Member- Board of Studies (BOS) Under Graduate Environmental Science, University of Mysore, Mysuru. Karnataka (2016-18)
- Member- Board of Studies (BOS) Under Graduate Microbiology, University of Mysore, Mysuru. Karnataka (2019-21)

- Member- Board of Studies (BOS) Post Graduate Biological Sciences, Bangalore University, Bangalore, Karnataka (2020-23).
- Member- Board of Examination (BOE) Post Graduate Microbiology, University of Mysore, Mysore. Karnataka (2010-11, 2011-12, 2013-14, 2014-15, 2017-18, 2018-19, 2019-20)
- Member- Board of Examination (BOE) Post Graduate Microbiology, Kuvempu University, Shimoga. Karnataka (2013-14, 2015-16, 2017-18, 2019-20, 2022-23)
- Member- Board of Examination (BOE) Post Graduate Biotechnology, Gulbarga University, Gulbarga. Karnataka (2017-18, 2019-20)
- Member- Board of Examination (BOE) Post Graduate Microbiology and Biotechnology, Karnatak University. Dharwad, Karnataka (2017-18)
- Member- Board of Examination (BOE) Post Graduate Microbiology, Mangalore University, Mangalore, Karnataka (2022-23)
- Member- Board of Examination (BOE) Post Graduate Microbiology, Davangere University, Davangere, Karnataka (2017-18, 2019-20, 2022-23).
- Member- Board of Examination (BOE) Post Graduate Biotechnology, Bangalore City University, Bangalore, Karnataka (2020-21, 2022-23).
- Examiner for M.Sc., (Microbiology, Biotechnology and Biochemistry), Mangalore University, Medikere, Examiner for M.Sc., (Microbiology and Biotechnology), Bangalore University, Bangalore, Examiner for M.Sc., (Microbiology and Biotechnology), Gulbarga University, Gulbarga, Examiner for M.Sc., (Microbiology, Biotechnology), Kuvempu University, Shimoga, Examiner for M.Sc., (Microbiology), Davangere University, Davangere, Examiner for M.Sc., (Microbiology and Biotechnology), Karnataka University, Dharwad.

Resource Person at Workshop

Workshop on Solutions to Microbiological Problems in Food Processing Industry, organized by asian Institute of Food Safety and Management on 3rd May 2008 at hotel Abad plaza, M G Road, Ernakulam.

Participative Experience in Academic Meetings

Sl No	Orientation/Refresher Course, Workshop, etc	Sponsors	Duration and Year	Organized/ Participated
1	Orientation Programme	UGC Academic Staff College, Mysore.	08/10/2003 to 04/11/2003	Participated
2	Orientation Programme	INFLIBNET & UOM	15/01/2005 to 16/01/2005	Participated

3	Workshop on Intellectual Property Rights	UGC, New Delhi, India	15/01/2005 to 16/01/2005	Participated
4	Refresher course in Microbiology	UGC Academic Staff College, Jaipur.	13/02/2006 to 04/03/2006	Participated
5	Regional Sensitization Workshop on How to Protect & Promote Traditional Products	Intellectual Property, India; NRDC, India and SJCE, Mysore.	31/03/2007	Participated
6	Regional Workshop on Techniques in Molecular Biology	DOS in Botany, UOM, Mysore.	26/03/2008 to 28/03/2008	Attended as a Demonstrator
7	Refresher course in Microbiology	UGC Academic Staff College, Mysore.	03/09/2010 to 23/09/2010	Participated
8	Refresher course in Microbiology	UGC Academic Staff College, Mysore.	12/02/2013 to 04/03/2013	Participated
9	Refresher course in Microbiology	UGC Academic Staff College, Mysore.	02/12/2014 to 22/12/2014	Participated
10	Fungal Genomics Workshop	JGI, Walnut Creek, California 94598, USA	18/03/2014.	Participated
11	Workshop on Molecular tools in Agricultural Research	Dept of Plant Pathology, University of Agricultural Sciences, Raichur	29/02/2016 and 01/03/2016	Resource person for two days

Paper presented at Conference

M.Y. Sreenivasa, Regina Sharmila Dass, and G. R. Janardhana. 2007. Occurrence of potential mycotoxigenic Fusarium species on maize and sorghum from Karnataka, India, and their detection by PCR. National seminar on Molecular Plant Pathology and Biotechnology for Sustainable Crop Protection, Nov 28-29, Indian Phytopathological Socity and University of Mysore, Mysore, Karnataka.

M.Y. Sreenivasa, Regina Sharmila Dass, Maheshwar P K and G. R. Janardhana. 2009. Diversity of Fusarium species occurring on maize and sorghum grains produced in Karnataka, India. National conference on Plant Biodiversity and Bioprospecting, March 16-17, DOS in Botany, University of Mysore, Mysore, Karnataka.

Janardhana G. R., **M.Y. Sreenivasa,** P.K. Maheshwar. 2010. Diversity and fumonisin producing Fusarium species in cereals and their molecular detection. National Symposium on Perspective in the Plant health management. Indian Phytopathological

Society, India and Department of Plant pathology, Anand Agricultural University, Gujarath, India. December 14 – 16, 2010.

Janardhana G. R., **M.Y. Sreenivasa,** P.K. Maheshwar and R. S. Dass. 2010. Molecular detection and differentiation of fumonisin producing Fusarium verticillioides and Fusarium proliferatum isolated from cereals and cereal based feeds. National Symposium on Molecular approaches for Management of fungal diseases of crop plants. Indian institute of Horticultural Research, Bangalore, India. December 27-30, 2010.

Nagaraja H and **M.Y. Sreenivasa.** 2011. Mycological studies on diversity of Fusarium species occurring on cereals produced in Karnataka, India. International conference on Biodiversity and its conservation. Progressive Education society's Modern college of Arts and Science and Commerce, Pune, India. 28-30 January, 2011.

Quyen Pham, **M.Y. Sreenivasa** and Pramila N. Achar. 2011 Histopathological changes due essential oils, antifungal agents, against Aspergillus flavus in Peanuts. The 72nd Annual Meeting, The Association of Southeastern Biologists Huntsville, AL, USA. April 13-16, 2011.

Deepthi B.V., K. Poornachandra Rao, **M.Y.Sreenivasa.** 2015. Antifungal activity of LAB inhibiting *Fusarium* species in animal and poultry feed mixtures. The 102ndIndian Science Congress – January 3-7, 2015, University of Mumbai, Santacruz East, Mumbai-400098, Maharashtra, India.

Poster presented at Conference

M.Y. Sreenivasa, B. T. Diwakar, K. A. Naidu and G. R. Janardhana. 2007. Occurrence of fumonisin B_1 and B_2 on maize and sorghum grains collected from different regions of Karnataka, India. 77th Annual Session and Symposium on Novel Approaches for Food and Nutritional Security. CFTRI, Mysore, Karnataka.

P.K. Maheshwar, **M. Y. Sreenivasa,** and G. R. Janardhana. 2009. Diversity of Fusarium species occurring on paddy produced in Karnataka, India. National conference on Plant Biodiversity and Bioprospecting, March 16-17, DOS in Botany, University of Mysore, Mysore, Karnataka.

Mina Youssef, **M.Y. Sreenivasa** and Pramila N. Achar. 2011 Plant based Essential Oils as antifungal agents against A.flavus and A. parasiticus in peanuts. The 72nd Annual Meeting The Association of Southeastern Biologists Huntsville, AL, April 13-16, 2011.

P.N. Achar, , **M.Y. Sreenivasa**, and Peris Mungai. 2011. Screening Of Essential Oils As Antifungal Agents Against A.flavus in peanuts. 111th ASM 2011 General Meeting, New Orleans, Louisiana, USA, May 2011.

P.N. Achar, and **M.Y. Sreenivasa**, 2012. Detection of Aflatoxigenic forms of *Aspergillus flavus* and *A. parasiticus* in Georgia peanuts using multiflex PCR. 112th American Society of Microbiology 2012 General Meeting, San Fransisco, USA, June 16-19 2012.

P.N. Achar, **M.Y. Sreenivasa**, and Peris Mungai. 2012. Microscopy study on the effect of essential oils on growth and germination of Aspergillus species in peanuts. IAFP 2012, Advancing Food Safety Worldwide. Providence, Rhode Island, USA, July 22-25.

M.Y. Sreenivasa, A.P. Charithraj, Regina Sharmila Dass, Nagaraja .H and G.R. Janardana. 2012. Determination of Fumonisin Producing Ability of Fusarium Species by Thin Layer Chromatography. 3rd Global Conference on Plant Pathology For Food Security. Indian Society of Mycology and Plant Pathology, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajastan, India. January 10-13, 2012.

Nagaraja H, P N. Achar and **M.Y. Sreenivasa**. 2012. Antifungal efficacy of four essential oils On the Mycelial Growth of Aspergillus flavus and Aspergillus parasiticus. International Conference On Mycology And Plant Pathology Biotechnological Approaches. Centre of Advanced Study in Botany, Banaras Hindu University, Varanasi, Uttarpradesh, India. February 27-29, 2012.

K.P. Rao, P. Hariprasad, **M.Y. Sreenivasa** and G. Venkateshwaran. 2012. Extraction, purification and characterization of AFB1 from *A. flavus*. International Conference On Mycology And Plant Pathology Biotechnological Approaches. Centre of Advanced Study in Botany, Banaras Hindu University, Varanasi, Uttarpradesh, India. February 27-29, 2012.

K.P. Rao, H. Nagaraja, V. Thamankar, **M.Y. Sreenivasa**. 2012. Isolation and Characterization of Bacteriocin Producing Lactic acid bacteria from Srikhand- an Indigenous fermented milk product. International Conference On Advances In Biological Sciences. Department of Biotechnology and Microbiology Inter University Centre for Biosciences, on 15th to 17th March 2012, Kannur University, Kannur, Kerala, India.

K.P. Rao, H. Nagaraja, **M.Y. Sreenivasa** 2012. Isolation and Preliminary Characterization of Potential Probiotic strains from a Traditional Sorghum based Fermented food products used in Karnataka. First Annual Conference of Probiotic Association of India and International Symposium on Probiotics for Human Health: New innovations and emerging trends on 27th & 28th August 2012, Gulmohar hall, India habitat Center, New Delhi, India.

G. Chennapp, Adkar Purushothama C R, Naik M K, Amaresh Y S, **M Y Sreenivasa** 2012. Sequence and phylogenetic analysis of Azotobacter species isolated from paddy field soils of North Karnataka region-India,53rd Annual conference of AMI-ASM International Conference on "Microbial world: Recent Innovations and Future Trends" – Bhubaneshwar, Odisha on 22nd to 25th Nov-2012.

G. Chennappa, Naik M. K, Mahadevaswamy, **M.Y. Sreenivasa** 2013. Effect of insecticides on nitrogen fixing ability of Azotobacter species isolated from paddy soils Karnataka, India. National symposium on Soil Biology and Ecology, GKVK, Bangalore.

B.V. Deepthi, **M.Y. Sreenivasa** 2013. PCR analysis of mycotoxigenic *Fusarium verticillioides* and *Fusarium proliferatum* species occurring on animal and poultry feeds of Karnataka, India. 54th Annual Conference of Association of Microbiologists of India –

November 17-20, 2013, Department of Microbiology, Maharshi Dayanand University, Rohtak-124001, Haryana, India.

K.P. Rao and **M Y Sreenivasa** 2013. Potential probiotic LAB strains from Sannas - A traditional fermented food used in Karnataka, India. 54th Annual Conference of Association of Microbiologists of India (AMI-2013) & International Symposium on 'Frontier Discoveries and innovations in Microbiology and its interdisciplinary Relevance' (FDMIR-2013). November 17-20, 2013. Maharshi Dayanand University, Rohtak, Haryana, India.

M.Y. Sreenivasa, J.B. Ridenour, B.H. Bluhm 2014. Identification of novel genes associated with pathogenicity and mycotoxin biosynthesis in *Fusarium verticillioides.* 9th Annual JGI Genomics of Energy & Environment Meeting- March 19-21, 2014, Hotel Marriot, Walnut Creek, California 94598, USA.

M.Y. Sreenivasa, J.B. Ridenour, B.H. Bluhm 2014. Forward and Reverse genetics approach to Identify the novel fumonisin biosynthesis related genes in *Fusarium verticillioides.*AR P3 Center Annual Research Symposium, July 28-30, 2014 Winthrop Rockefeller Institute, Petit Jean, Morrilton, Arkansas 72110, USA.

Vandana Yadav, Mahadevakumar, S., Janardhana, G. R., **M. Y. Sreenivasa** 2014. Molecular Detection of Phytoplasma Associated with the Little Leaf of Brinjal in South India . Indian Phytopathological Society (Southern Zone) National Symposium on "Plant Diseases: New Perspectives and Innovative Management Strategies" -December 11-12 ,2014 , College of Agriculture, UAS, Dharwad, Karnataka, India.

Vandana Yadav, Mahadevakumar, S., Amruthavalli, C., Janardhana, G. R., **M. Y. Sreenivasa** 2014. Genetic Diversity of Phytoplasma Associated with Little Leaf of Brinjal (LLB) from Karnataka (India). Indian Biodiversity Congress (IBC-2014)-December 18-20 2014, School of Public Health, SRM University, Chennai, India.

Poornachandra Rao K, Hemanth Kumar N K, **M Y. Sreenivasa**. 2015. Antioxidant potential of Lactic acid bacteria isolated from traditional fermented foods of Karnataka. Indian Science Congress Association. Jan 3-7, 2015. University of Mumbai. Mumbai, India.

Membership in Professional Societies

- Life member for Indian Phyotopathological society, New Delhi, India
- Life member for the Association of Food Scientists & Technologists, India
- Fellow member for the International Society of Biotechnology, Indore, India
- Life member for the Association of Microbiologists of India
- Life member for the Indian Science Congress, India
- Life member for the Mycology and Plant Pathology, India
- Annual member for the American Society for Microbiologists, USA.

International and National Collaborations

Industrial collaborations