

Department of Biotechnology Publications

Dr. M. N. Nagendra Prasad

1. Ramith,R., Prithvi,S., Sreesha B., Varsha Reddy and **Nagendra Prasad, M.N.** 2017. Impact of active compounds isolated from Banana (Musa sp. Var. Nanjangud Rasa Bale) flower and pseudostem towards cytoprotective and DNA protection activities . International Journal of Pharmacy and Pharmaceutical Sciences. 9:10. DOI: <http://dx.doi.org/10.22159/ijpps.2017v9i10.201560>.
2. Ramith,R., Prithvi,S., Dhanabal, S.P., FarhanZameer., Dhananjay and **Nagendra Prasad, M.N.** 2017. Investigation of anti-hyperglycemic activity of Banana (Musa sp. Var. Nanjangud Rasa Bale) flower in normal and Diabetic Rats. Pharmacognosy Magazine. DOI : **.IF=1.3**
3. Baker Syed.,Tatiana Volova., Svetlana V PrudnikovaSatish S and **Nagendra Prasad M.N** 2017.Nanoagroparticles emerging trends and future prospect in modern agriculture system. Environmental Toxicology and Pharmacology. 53:10-17. **IF=2.2**
4. Baker Syed.,**Nagendra Prasad M.N**,Mohan Kumar., Dhananjaya B.L and Satish S. 2017. Endo-symbiont mediated synthesis of gold nanobactericides and their activity against human pathogenic bacteria. Environmental Toxicology and Pharmacology. 52:143-149. **IF=2.2**
5. Charith Raj., Chenappa G., Poornachandra Rao., Sreenivasa M Y., Maheshwara P K.,**Nagendra Prasad M N** and Sano. 2017.Molecular diversity among viriods infecting chrysanthemum in India. Virus Genes.DOI 10.1007/s11262-017-1468-5 **IF 1.4**
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9. Ramith,R., Prithvi,S., NanjundaSwamy., FarhanZameer., Dhananjay and **Nagendra Prasad, M.N.** 2016. Assesment of *in vitro* antidiabetic properties of Umbelliferone and Lupeol constituents of Banana (Musa sp. Var. Nanjangud Rasa Bale) flower in Hyperglycemic Rodent model. PLOS one. DOI : [10.1371/journal.pone.0151135](https://doi.org/10.1371/journal.pone.0151135).**IF=3.23**
10. Baker Syed., Nagendra **Prasad M.N** and Satish S. 2016. Synthesis and Characterization of Silver nanobactericides produced by *Aneurinibacillusmigulans*141, a novel endophyte inhabiting *Mimosa pudica*L. Arabian Journal of Chemistry.<http://dx.doi.org/10.1016/arabjc.2016.01.005>.**IF=4.5**
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- 14.** Ramith,R., Prithvi,s., Aishwarya T., Ashwini Prasad, Kumudha J, Lochana M S., FarhanZameer., Dhananjay and **Nagendra Prasad, M.N.**2015. Bacteriocins and their application in food preservation.Critical reviews in Food Science and Nutrition. DOI.10.1080/10408398.2015.1020918. **IF=5.6**
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- 17.** Prithvi,s., Ramith,R., Dhananjay and **Nagendra Prasad, M.N.**2015. *In vitro* inhibitory activity of medicinal plants against *Phomopsis azadirachtae*, the incitant of die-back disease of neem. International Journal of Pharmacy & Pharmaceutical Sciences.Vol 7 supple 1. **IF=1.6**
- 18.** Ramith,R., Prithvi,s., FarhanZameer., Dhananjay and **Nagendra Prasad, M.N.** 2015. "Evaluation of banana(*Musa* var. Nanjangud rasa bale) flower and pseudostem extracts on antimicrobial, cytotoxicity and thrombolytic activities" . International Journal of Pharmacy & Pharmaceutical Sciences. Vol7 suple 1. **IF=1.6**

- 19.** Ramith, R., Prithvi, S., FarhanZameer and **Nagendra Prasad, M.N.** 2015. Investigation of antihyperglycaemic activity of Banana (*Musa* sp.var. Nanjangud Rasa Bale) pseudostem in normal and diabetic rats. *Journal of Science of Food and Agriculture*. 95: 165-173. [REDACTED]
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Dr. N. Haraprasad

Book Chapters

1. Niranjana S.R, Haraprasad N, Shetty H.S.: *Recent Advances in Biotechnology of Beauveria bassiana: A mycopesticide against insect pests.* Potential Microorganisms for Sustainable Agriculture-A Techno-commercial Perspective, 01/2007; IK International Publishing house.

Journal Publications

1. Koji Ichiyama, Sindhoora Bhargavi Gopala Reddy, Li Feng Zhang, Wei Xin Chin, Tegshi Muschin, Lars Heinig, Youichi Suzuki, Haraprasad Nanjundappa, Yoshiyuki

- Yoshinaka, Akihide Ryo, Nobuo Nomura, Eng Eong Ooi, Subhash G Vasudevan, Takashi Yoshida, Naoki Yamamoto: *Sulfated Polysaccharide, Curdlan Sulfate, Efficiently Prevents Entry/Fusion and Restricts Antibody-Dependent Enhancement of Dengue Virus Infection In Vitro: A Possible Candidate for Clinical Application.* PLoS Neglected Tropical Diseases 04/2013; 7(4):e2188., DOI:10.1371/journal.pntd.0002188
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 4. M. N. Nagendra Prasad, S. Shankara Bhat, N. Haraprasad, M. Y. Sreenivasa, K. A. Raveesha, G. R. Janardhana: *Study of die back disease incidence of neem in Karnataka, India and PCR based identification of the isolates.* Archives of Phytopathology and Plant Protection 03/2010; 43(5-5):446-453., DOI:10.1080/03235400701875406
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 8. N Haraprasad, SR Niranjana, HS Prakash, HS Shetty: *Heterogeneity of two Beauveria bassiana isolates, revealed by Physiological, Biochemical and Molecular Tests.*
 9. N. Haraprasad, S. R. Niranjana, H. S. Prakash, H. S. Shetty, Seema Wahab: *Beauveria bassiana -A Potential Mycotoxicide for the Efficient Control of Coffee Berry Borer, Hypothemus hampei (Ferrari) in India.* Biocontrol Science and Technology 04/2001; 11(2):251-260., DOI:10.1080/09583150120035675

Dr. K. R. Sanjay

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2. S. Nagashree, C S. Karthik, B L. Sudarshan, L. Mallesha, H P. Spoorthy, K R. Sanjay, P.Mallu: *In vitro antimicrobial activity of new 2-amino-4-chloropyridine derivatives: A structure-activity relationship study.*
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4. Sanjay K. R., Nagendra Prasad M. N., Anupama S, Yashaswi B. R, Deepak B.: ©2013 Academic Journals *Isolation of diatom Navicula cryptocephala and characterization of oil extracted for biodiesel production.* Journal of Environmental Science and Technology 08/2012; 7:41-48., DOI:10.5897/AJEST12.066
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8. Rakshit K Devappa, Sanjay K Rajesh, Vikas Kumar, Harinder P S Makkar, Klaus Becker: *Activities of Jatropha curcas phorbol esters in various bioassays.* Ecotoxicology and Environmental Safety 12/2011; 78:57-62., DOI:10.1016/j.ecoenv.2011.11.002
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- 16.** M. Y. Sreenivasa, K. R. Sanjay, K. A. Naidu, G. R. Janardhana, Karnataka State: *Effect of gamma irradiation on the incidence and fumonisins production by Fusarium species occurring on maize and sorghum grains*.

Dr. S. Nanjunda Swamy

1. Zohara Nafeesa, Shivalingu B. R., Neema K. N., Raghu Ram Achar, Venkatesh BK, Veeresh Hanchinal, B. S. Priya, S. Nanjunda Swamy: *Procoagulant serine glycoprotease from Cucumis sativus L: Action on human fibrinogen and fibrin clot..* 3Biotech 03/2017; 7(2)., DOI:10.1007/s13205-017-0686-9
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- 10.** Supritha G. Swamy, Vivek H. Kameshwar, Priya B. Shubha, Chung Yeng Looi, Muthu K. Shanmugam, Frank Arfuso, Arunasalam Dharmarajan, Gautam Sethi, Nanjunda Swamy Shivananju, Anupam Bishayee: *Targeting multiple oncogenic pathways for the treatment of hepatocellular carcinoma.* Targeted Oncology 06/2016;, DOI:10.1007/s11523-016-0452-7
- 11.** Raghu Ningegowda, Savitha Bhaskaran, Ayyiliath.M. Sajith, Chandrashekhar Aswathanarayanappa, M. Syed Ali Padusha, Nanjunda Swamy S, Babu Shubha Priya: *Mo(CO)6 as a Solid CO Source in the Synthesis of Aryl/Heteroaryl Weinreb Amides under Microwave-Enhanced Condition.* Australian Journal of Chemistry 06/2016; 70(1),, DOI:10.1071/CH16213
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