

## Publications

Books/ Manuals	Papers in Refereed International Journals	Written Discussions in Refereed International Journals	Contributed papers in Conference or Symposium
03	05	-	12

Citations: 154

h-index: 5

i10-index: 4

### 1. List of manuals written

N Haraprasad and Hema B.P.(2010),Instruction manual for Cell Biology and genetics laboratory, Department of Biotechnology, SJCE, Mysuru.

Hema B.P.(2011) Instruction manual for Bioinformatics laboratory, Department of Biotechnology, SJCE, Mysuru

Hema B.P.(2011) Instruction manual for Bioprocess technology laboratory, Department of Biotechnology, SJCE, Mysuru

### Publications in Journals

- **Hema B.P.** and H.N. Murthy. Improvement of *in vitro* androgenesis in niger using amino acids and polyamines in *Biologia Plantarum* (2008), 52:121-125, Springer publication. **Impact factor- 1.582**
- **Hema B.P.** and H.N. Murthy. The effect of carbohydrates on niger embryogenesis and plant regeneration in anther culture in *Biologia Plantarum* (2007), 51:773-776, Springer publication. **Impact factor- 1.582**
- L.V. Hiregoudar, H.N.Murthy, J.G. Bhat, Nayeem A, **Hema B.P.** E.J. Hahn and K.Y. Paek. Rapid clonal propagation of *Vitex trifolia* in *Biologia Plantarum* (2006), 50: 291-294, Springer publication. **Impact factor- 1.582**
- S.S. Sheelavanthmath, H.N.Murthy, **B.P. Hema**, E.J. Hahn and K.Y. Paek High frequency of protocorm like bodies (PLBs) induction and plant regeneration from

protocorm and leaf sections of *Aerides crispum* Scientia Horticulturae (2005), 106: 395-401, Elsevier Publication. **Impact factor- 1.197**

- L.V. Hiregoudar, H.N.Murthy, **B.P. Hema**, E.J. Hahn and K.Y. Paek Multiple Shoot induction and plant regeneration of *Feronia limonia* in Scientia Horticulturae (2003), 98: 357-364, Elsevier Publication. **Impact factor- 1.197**

### **Papers presented in conferences/Symposia**

- Chiranth M Prakash, Pavithra C and **Hema B.P.** (2014) “Phytochemical Screening of Antioxidant and Anti-hemolytic activity of different extracts of *Carthamus tinctorius*” at “Biogalaxia-2014”, A National Level Symposium, organized by Department of Microbial Biotechnology Bharathiar University, Coimbatore on 17<sup>th</sup> October 2014 won the **First** prize in poster presentation.
- **Hema B.P.**, N. Haraprasad, Prakash Kumar Jha and G Deepti (2014). “Induction of multiple shoots from *Citrullus colocynthis*, a rare medicinal plant of Western Ghats”, presented at International conference on Biodiversity, Bioresources and Biotechnology on 30<sup>th</sup> and 31<sup>st</sup> Jan 2014, The Quorum hotel, Mysore.-**Oral presentation**
- N. Haraprasad, **Hema B.P.** Chaithra Shekar, Harshitha C.S, Preethi Panimalar A and Shruthi S (2014). Isolation and characterization of microbes which degrade petroleum products and organic solvents presented at International conference on Biodiversity, Bioresources and Biotechnology on 30<sup>th</sup> and 31<sup>st</sup> Jan 2014, The Quorum hotel, Mysore.
- Shipula S, Pallavi Rai, Darshan, Priyanka Uday, N.Haraprasad and **Hema B.P.** (2012) Poster on Biosimlors, twin but not a clone at two day national conference on Emerging trends in Ayurveda and Herbal drug Technology (ETAHDT-2012) at Teresian College on 22<sup>nd</sup> and 23<sup>rd</sup> Nov 2012.
- **Hema B P**, Haraprasad N, Prakash Kumar Jha and Deepthi G (2012) *Ex situ* conservation of *Citrullus colocynthis* (Indravaruni), a rare species of Western Ghats in one day ational conference on ‘Integrative plant Biology and Agribiotechnology’ organized by Karnataka state Higher education council, Bangalore, on 29<sup>th</sup> Feb 2012 at Bangalore, won the **best poster** certificate.
- Haraprasad, N, Sindhoora Bhargavi G, Praveen M.J, Attapon Poetam, Deepal R, **Hema B.P**, Priyanka Uday and Seemanthini C. (2011) *In silico* screening of natural compounds against Pandemic disease-Swine influenza in Indo-US symposium on “Fronteirs in Medicinal chemistry and Drug discovery” at JSS medical college, 21<sup>st</sup>-23<sup>rd</sup> April 2011.
- Haraprasad, N, **Hema, B.P** and Vinay (2008), M. “Production of Eco-friendly polymers from microorganisms” National conference on Eco friendly plastics and rubber materials held on 19<sup>th</sup> May and 20<sup>th</sup> May 2008 at SJCE, Mysore.

- Govindlal, Supriya D.Jog, Vinutha U.K., Vidhi V Shah, Haraprasad, N, **Hema, B.P** and S.N. Rao (2008). “Polymers for probiotic tablet delivery” National conference on Eco friendly plastics and rubber materials held on 19<sup>th</sup> May and 20<sup>th</sup> May 2008 at SJCE, Mysore.
- Haraprasad, N., **Hema, B.P.**, Nagendra prasad, M.N., and Sanjay. K.R. (2007) Isolation and Characterization of Antimicrobial Compounds from Medicinal Plants. National seminar on Molecular Plant Pathology and Biotechnology for Sustainable Crop Production. Held at DOS In Applied Botany and Biotechnology, University of Mysore, Mysore. November 28<sup>th</sup> – 29<sup>th</sup> 2007.
- Haraprasad, N, **Hema, B.P.** and Vinay, M (2007) A New ligand as an inhibitor of N1 Neuraminidase of H5N1 avian virus. International Symposium on Avian Influenza: Epidemiology, Basic and Applied Research. Held at Hotel Claridges, New Dehli. October 29-31, 2007.
- **Hema B.P.**, H.N. Murthy, E.J. Hahn and K.Y, Paek (2004) Improved embryogenesis from anther culture and plant regeneration in niger, Korean society of Plant Biotechnologists Conference, 2004, Korea.
- **Hema B.P.** and H.N. Murthy (2003) Effect of carbohydrate source on androgenesis of Niger (*Guizotia abyssica* (L. f.) Cass), National seminar on advances in Genetics and Plant Breeding- Impact of DNA revolution Oct, 30-31, 2003 at University of Agricultural Sciences, Dharwad.