

## CURRICULUM VITAE

**Name** : Dr Yeruva Thirupathaiah

**Designation** : Scientist

**Qualification** : Ph.D



**Subject Specialization** : Microbiology

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## Academic qualification

- Postdoc (2013-2015) : National Institute of Nutrition, Hyderabad.
- Ph.D. Microbiology (2006- 2012) : Osmania University, Hderabad.
- MSc.Microbiology (2000- 2002) : Karnatak University, Dharwad.
- BSc.Microbiology,Biochemistry,Chemistry (1997-2000):SVU,Tirupathi.
- Intermediate(1995-1997):Biology,Phycics,Chemistry: Andhra Pradesh
- SSC (1995): Andhra Pradesh state.

## Academic & Research Experience

- **Scientist : Central Sericultural research and training Institute (Central Silk Boar), Mysore, Karnataka. ( 02-11-2015 - till date)**
- **Fast track Young Scientist :Dept of Microbiology, National Institute of Nutrition, Hyderabad, India. (20.05.2013 - 30.10.2015).**
- **R&D Scientist : KN Biosciences India Pvt Ltd, Hyderabad. (01.05.2012 – 18.05.2013).**
- **Senior Research Fellow: Dept of Microbiology, National Institute of Nutrition, , Hyderabad. (11.04.2011 – 30.04.2012).**
- **Senior Research Fellow: DBT Research project-Department of Microbiology, Osmania University, Hyderabad. (27.09.2008 – 12.14 .2010).**
- **Junior Research Fellow :DBT Research project-Department of Microbiology, Osmania University, Hyderabad.(26.10.2006 – 26.09.2008).**
- **Assistant Professor- Department of Biotechnology, Sreenidhi Institute of Science and Technology, Hyderabad. (02.12.2004 to 25-10-2006).**

## Awards

- 1) **Fast track Young Scientist award – DST (SERB)-2013**
- 2) **CSIR-UGC NET-2004 & GATE-2004**
- 3) **ICAR-ASRB-NET-2014**
- 4) **DBT-Junior& Senior Research Fellow-2006**
- 5) **National Institute of Nutrition-Senior Research Fellow-2011**

## Academic & Research achievements

- Number of research projects completed : 05
- Number of ongoing projects : 03
- Number of publications : 10
- Research abstracts : 14
- Book chapters : 01
- National and International conferences and workshops attended: 22

## Research areas

- Probiotics
- Industrial Microbiology & Fermentation technology
- Microbiome
- Cancer biology & Medical Microbiology
- Lipid chemistry
- Nano technology
- Molecular physiology
- Biomass utilization and diversification
- Molecular Biotechnology

## Research publications

1.**Y. Thirupathaiah**, R.Hemalatha, D.Vasundara (2017) Vaginal lactobacilli profile in pregnant women with normal and abnormal vaginal flora, Indian journal of medical research. 146:534-540.

2.**Y.Thirupathaiah**, V. Sivaprasad, E. Bhuvaneshwari, M. Munirathnam Reddy, M. Chandrashakharaiah (2016) Extraction and Characterization of mulberry silkworm, *BOMBYX MORI* L., pupae oil, Indian Journal of Sericulture., 55(1-2), 31-37.

3.**Thirupathaiah Yeruva**, Swarupa Rani Chiliveri, Sudhakara Reddy Murrivada, Venkateswar Rao Linga. (2012) Effect of analogues on production of vitamin B<sub>12</sub> in *Propionibacterium freudenreichii* subsp. *shermanii*, world journal of Microbiology & Biotechnology- 28:2267-2271.

4. M.Chandrasekharaiah et al, **Y.Thirupathaiah**, V.Sivaprasad (2017) Effect of dietary incorporation silkworm pupae meal on in vitro rumen fermentation and digestibility. Indian journal of animal sciences ( Accepted for publication).

5.**Thirupathaiah Yeruva**, Swarupa Rani Chiliveri, Sudhakara Reddy Marrivada, Smita Hasini Panda, Venkateswar Rao Linga. (2011) In vitro adhesion and In vivo vitamim B12 studies with potential probiotic strain Propionibacterium freudenrechii subsp. shermanii OLP-5) International journal of Probiotics and Prebiotics. 6(2):109- 114.

6.Swarupa Rani Chiliveri, **Thirupathaiah Yeruva**, Smita Hasini Panda, Venkateswar Rao Linga. (2010) Fermentation parameters for Vit B12 production using propionibacterium freudenrechii subsp. shermanii by Taguchii methodology. Journal of Pure and Applied Microbiology. 4(2): 647-658.

7.**Thirupathaiah Yeruva**, Swarupa Rani Chiliveri, Sudhakara Reddy Marrivada, Manikyam Ananth, Venkateswar Rao Linga (2009). Development of efficient probiotic Propionibacterium freudenreichii subspecies shermanii to combat vitamin B12 deficiency.International journal of Probiotics and Prebiotics.4(4):271-276.

8.V.V. Annapurna, R.Hemalatha, A. Raviteja, A.V.S.RamaRaju, K.NarendraBabu, **Y. Thirupathaiah** et al. (2015). Selective cecal bacterial changes mediate the adverse effects associated with high palmolein or high starch diets: prophylactic role of flax oil. International Journal of Pharmacy and Pharmaceutical Sciences. Vol 7, Issue 11, 2015.

9.M. Sudhakara Reddy, Y. Ramana Reddy, B. Bhima1, **Y. Thirupathaiah**, A. Rajasekhar Reddy and L. Venkateswar Rao (2013) Effect of different levels thermotolerent probiotic yeast supplementation on biochemical and immune parameters in broilers. World journal of pharmacy and pharmaceutical Sciences. 2, (6), 4911-4916.