



**Dr. HANUMANTAPPA B**

M.Sc., M.Phil., Ph. D., Post Doc (Spain)

Assistant Professor

Dept. of V. Medicine &

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**PERSONAL DATA:**

**Date of Birth** : 04.06.1984

**Sex** : Male

**Nationality** : Indian

**Marital Status** : Single

**Languages** : English,  
Kannada, Hindi, and Telugu.

**PERMANENT ADDRESS:**

Dr. Hanumantappa B Nayaka

S/o Hemanna Bherigi

Post: Marlanahalli, Pin-583229

T q: Gangavati, Dist.: Koppal

St: Karnataka (India).

**Academic Record:**

- **Post Doc Biotechnology in 2015** at University of Politecnica, (Spain).
- **Ph. D. Biotechnology in 2014** at Gulbarga University, Gulbarga.
- **M. Phil. Biotechnology in 2010** at Gulbarga University, Gulbarga.
- **M. Sc. Biotechnology in 2008** at Gulbarga University, Gulbarga.
- **B. Sc. Biotechnology in 2006** at Gulbarga University, Gulbarga.

**National Fellowships and Awards received:**

- **STP Fellowship 2007** from CCMB Hyderabad.
- **SRF Fellowship 2008** from IISc Bangalore.
- **BITP Fellowship 2009** from DBT New Delhi.
- **GUG-SC/ST-Fellowship** from GUG Gulbarga.
- **RGNF-JRF Fellowship 2009** from UGC New Delhi.
- **RGNF-SRF Fellowship 2011** from UGC New Delhi.
- **BEST POSTER AWARD** from NCMAP in Dept. of Botany GUG
- **BEST STUDENT AWARD** from HKDB Gulbarga.

**International Fellowships and Awards received:**

- **International Svagata. eu Fellowship** for Post Doc Fellow (PDF) at University of Polytechnic Valencia, Spain, under Erasmus Mundus Action 2 funded by European Commission, Europe.

**Abroad visited :**

SPAIN:	for PDF,	GERMANY:	for visit
FRANCE:	for visit,	NETHERLANDS:	for visit
BELGIUM:	for visit,	ETHIOPIA:	Assistant Professor

**Teaching Experience :**

- Worked as a **Guest Faculty, in Global College of Biotechnology**, Koppal, Karnataka.
- Worked as a **Guest Faculty, in A.K.R. Devi PU College** Sriram Nagar, Gangavati, Koppal
- Worked as a **Guest Faculty, in Dept. of Biotechnology Gulbarga University Gulbarga**, Karnataka.
- **Working as teaching assistant** in Dept. of Biotechnology and Microbiology, Karnataka University Dharwad.

**Research Projects Guided at PG level:**

1. **“Effective use of microbes in Biodegradation of waste”** for the award of master of science in Microbiology at Dept. of Microbiology and Biotechnology, Karnataka University Dharwad, Karnataka (India) in 2016
2. **“Effect of green tea on prostate cancer cell line”** for the award of master of science in Biotechnology at Dept. of Microbiology and Biotechnology, Karnataka University Dharwad, Karnataka (India) in 2016

### **Research Projects Carried out :**

1. **“Screening of Medicinal Plants for Antimicrobial Activity”** at Dept. of Biotechnology National College, Bellary. Karnataka.
2. **“Cold Adaptation of *Pseudomonas Antarctica*, a Bacterial Strain Isolated from Antarctica soil”**. At Center for Cell & Molecular Biology (CCMB), Hyderabad AP.
3. **“PCR Detection of OXA  $\beta$ -lactamase in *Pseudomonas aerogeunonsa*, Isolated from Clinical Samples”**, at Dept. of Biotechnology, Gulbarga University, Gulbarga Karnataka.
4. **“Cloning and Characterization of RgDGAT from *Saccharomyces cerevisiae*”**, at Dept. of Biochemistry, Indian Institute of Science (IISc) Bangalore Karnataka.
5. **“Safety Evaluation of Chemical Entities and Analytical Chemistry Techniques”** at Dept. of Toxicology and Analytical R & D, Advinus Therapeutics. Pvt. Ltd. Bangalore, Karnataka.
6. **“Phytochemical, Antimicrobial and Anti-fertility activities of *Portuleca oleracea L* in female Albino Rats”** at Dept. of Biotechnology, Gulbarga University, Gulbarga Karnataka.
7. **“Phytochemical and Pharmacological effect of *Portulaca oleracea L* in female Albino Rats”** at Dept. of Biotechnology, Gulbarga University, Gulbarga Karnataka.

### **Academic Training Programs :**

1. Participated in **Summer Training Program 2007**, at **Centre for Cellular and Molecular Biology**, Hyderabad, AP India.
2. Participated in **Summer Research Fellowship Programme-2008** at **Indian Institute of Science, Bangalore Karnataka**, India.
3. **Feel Employable Learning and Development Invention** conducted, by Department of learning and development, CLHRD, AIMS insights, an ISO: 9001:2000 institute, Mangalore.
4. Training program in **Soft Skills for Success** conducted by Civil Service exam Coaching Centre Gulbarga University, Gulbarga.
5. Participated in awareness training program on **Biodiversity related issues and people’s Register**, jointly organized by Karnataka Biodiversity Board and Department of Biotechnology, Gulbarga University Gulbarga.
6. Participated in 3 days workshop on **Emerging Trends in Environmental Biotechnology**, organized by Dept. of Chemical Engineering NITK Surathkal, Mangalore.

7. Participated in 6 Months “**Biotechnology Industrial Training Program 2008-09**” at Advinus Therapeutic Pvt. Ltd, Bangalore. Sponsored by Dept of Biotechnology (DBT), Govt. of India, New Delhi.

8. Participated in 15 days “**9<sup>th</sup> Technology Led Entrepreneur Training Program**” at IICT, Hyderabad, organized by CSIR New Delhi.

9. Participated in 2 days workshop on “**Research Methodology for Life Science Students**” at Dept. of Biotechnology Gulbarga University Gulbarga, Karnataka.

10. Participated in 3 days workshop on “**Scientific/Research Paper Writing**” at Central Institute of Fisheries Education-CIFE, Mumbai, organized by the National Academy of Science India (NASI), Allahabad.

11. Participated in 15 days workshop on “**Basic Immunology Techniques**” at UGC-NRC, Department of Microbiology and Cell Biology, IISc Bangalore, Karnataka.

12. Participated in 7 days “**5<sup>th</sup> Science Conclave**” organized by Dept. of Science and Technology Govt. of India New Delhi, at Indian Institute of Information Technology Allahabad, UP.

13. Participated in 21 days collaboration research work on “**Cytotoxicity test by XTT Assay with animal cell culture techniques**” at IISc, Bangalore Karnataka.

#### **Paper Presentations at National and international conferences:**

1. “**Screening of Medicinal Plant for Antimicrobial Activity**” in National Conference at University of Madras, Chennai, Tamil Nadu.

2. “**Enumeration of Antimicrobial Activity of *Tagetes erecta*, *Tylophra indica***” in The National Conference at SRN Adarsh College, Bangalore, Karnataka.

3. “**Antimicrobial Activity of Medicinal Plants**” in the National Conference at Dept. of Botany, Gulbarga University Gulbarga, Karnataka. (This Paper got Best poster ward)

4. “**Evaluation of Phytochemical, Antimicrobial and Anti implantation Properties of *Portulaca oleracea L* in Albino Rats**” in the National Symposium at Gulbarga University Gulbarga, Karnataka.

5. “**Screening of *Portulaca oleracea L* for Anti-implantation and Abortifecient Activities in Female Albino Rats**” in International Symposium at University of Mysore, Mysore.

6. “**Antibacterial activity of total flavonoids isolated from *Portulaca oleracea L***” in National Conference on Bio-therapeutics” at Oxford college Bangalore.

7. “Evaluation of *Portulaca oleracea L* for Contraceptive Property in Albino rats” in Annual Conference of Southern Regional Indian Pharmacological Society-2012, Dept. of Pharmacology CHRI, Kelambakkam, Kanchipuram Tamil Nadu.

8. “Antimicrobial activity of total flavonoids isolated from *Portulaca oleracea L*” in International conference on 3<sup>rd</sup> World Congress on Biotechnology by OMICS Group at HICC, Hyderabad AP.

#### Research Paper Publication:

1. B, Uma Reddy, T. Sandeep, Deepak Kumar, Gnana Prakash, M. O. Farooque, and **H B Nayaka**. Antimicrobial activity of *Tagetes erecta* Linn. And *Argemone Mexicana* Linn. The Journal of Aryavaidya, vol. xxi, No.3, PP171, Feb-Apr, 2008.
2. Ramesh Londonkar and **Hanumantappa B Nayaka**, Evaluation of Anti-implantation and Abortifacient properties of *Portulaca oleracea L* in Albino Rats, International journal of Pharma and Bioscience, PP501-508, Oct-Dec 2011. (**IF=0.6**)
3. Ramesh Londonkar and **Hanumantappa B Nayaka**, Phytochemical and Antimicrobial activities of *Portulaca oleracea L*, Journal of Pharmacy Research, vol. 4, issue 10.oct 2011. (**IC=2.6**)
4. Ramesh Londonkar and **Hanumantappa B Nayaka**, Anti-Bacterial activity of total flavonoids isolated from *Portulaca oleracea L*. International Journal of Phytomedicine, vol. 4 (2) 254-260, 2012. (**SCI, IF=0.8**)
5. Ramesh Londonkar and **Hanumantappa. B. Nayaka**, Effect of ethanol extract of *Portulaca oleracea L* on ovulation and estrous cycle in female albino rats, Journal of Pharmacy Research, vol. No 6 (2013) 431-436.
6. **Hanumantappa B. Nayaka**, Ramesh L. Londonkar, Madire K. Umesh, and Asha Tukappa. “Antibacterial Attributes of Apigenin, Isolated from *Portulaca oleracea L*”. International Journal of Bacteriology, 2014.
7. **Hanumantappa. B. Nayaka**, Ramesh Londonkar and Umesh M K, Evaluation of Potential Antifertility activity of total flavonoids Isolated from *Portulaca oleracea L* in female albino rats, International Journal of PharmTech Research, Vol.6, No.2, pp 783-793, 2014 (**IF=0.4**)
8. Tathagat. E. Waghmare, **Hanumanthappa B Nayaka**, Rashmi Gadwal and Prithviraj Bhandare., “Antimicrobial Properties of the Methanolic Extracts of *Zingiber officinale* (Ginger) on *Escherichia coli* and *Klebsiella pneumonia*”. Journal of Pharmacy and Biological Sciences, Vol. 9, Issue 3 Ver. II (2014), pp. 11-14.

9. Umesh M K, Ramesh L Londonkar, **Hanumantappa Bherigi Nayaka**, and Sanjeevkumar C B., "Evaluation of *in vitro* anti-thrombolytic activity and Cytotoxicity potential of *Typha angustifolia* L Leaves extracts", International Journal of Pharmacy and Pharmaceutical Science, vol. No. 2014. (**SCI, Impact=1.6**)
10. **Hanumanatappa Bherigi Nayaka**<sup>1</sup>, Ramesh L Londonkar<sup>1</sup> and Umesh M K<sup>1</sup>. "Evaluation of *Portulaca oleracea* L for Anti-fertility effect in female albino rats". International Journal of Pharmacy and Pharmaceutical Science, vol. No. 2014. (**SCI, Impact=1.6**)
11. **Hanumantappa Bherigi Nayaka** and Ramesh L Londonkar., "Phytochemical screening and Potential *in vitro* Anti-bacterial activity of *Aegle marmelos* Leaf extract against Gram negative Pathogenic Bacteria", International Journal of pharmacy and clinical research 2015; 7(1): 64-67.
12. Tathagat E Waghmare, **Hanumantappa B Nayaka**, Sanjeev Kumar C Banklgi and Asha Tukappa, Quantitative estimation of heavy metals in river water and their toxicity, hematology, gravimetric, serum and tissue biochemistry effects in albino rats, World Journal of Pharmaceutical Research Volume 4, Issue 2, 1415-1425.
13. Asha Tukappa NK, Ramesh L. Londonkar, Sanjeev Kumar CB & **Hanumantappa B. Nayaka**, Evaluation of *in vitro* and *in vivo* anti-inflammatory and toxicity studies of methanol extract of *Rumex vesicarius* Linn, Orient Pharm Exp Med Online DOI 10.1007/s13596-015-0180-z.
14. **Hanumantappa Bherigi Nayaka** and Ramesh Londonkar., " *In Vitro* Cytotoxic and Gene toxicity Effects of Flavonoid of *Portulaca oleracea* L on HepG2 and K562 Cell Lines", Phytomedicine. IJBAB Volume 2, Number 1; October, 2014 pp. 89-93.
15. **Hanumantappa Bherigi Nayaka** and Ramesh L Londonkar., "Anti-Diabetic activity of *Aegle marmelos* Leaf extract in albino rats", Internatinal Journal of Pharma and Bioscience, (**Communicated**).
16. **Hanumantappa Bherigi Nayaka** and Ramesh Londonkar., "Effect of Flavonoid of *Portulaca oleracea* L on Serum Biochemistry, Hormones and Hematology for screening of contraceptive property in albino rats", Phytomedicine (**Communicated**).

#### Scientific articles in Press and Annual Bullets:

1. "Weed treat, LAB-Report", of Dr. Ramesh L and **Hanumantappa B Nayaka**, *The Telegraph* Scientific News Paper, Calcutta, India, Monday, 6<sup>th</sup> May 2013.

2. Hanumantappa B Nayaka, (2008) “**The saliva test for breast cancer**” Biohorizon annual bulletin, vol. 8, pp. 12-13.
3. Hanumantappa B Nayaka, (2014) “**Cancer drug against HIV**” Bioharizon annual bulletin, vol. 12, pp. 29-29.

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**API score, h-Index and Publication citations:**

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1. API Score: 310 points
2. H-Index: 3
3. Citations: 25

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**Books Published:**

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**1. “Antimicrobial activity of *Portuleca olerace L*”**

By Prof. Ramesh Londonkar and **Mr. Hanumantappa B Nayaka.**

**Publisher:** Lambert Academic Publishing, Germany.

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**National & international Symposium/ Conferences attended :**

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**1. A National Conference on Recent Trends on Medicinal Plants Research** at CAS Botany, University of Madras Chennai.

**2. National Conference on Impact of Biotechnology in India** At SRN Adarsh College, Bangalore.

**4. National Conference on Medicinal and Aromatic Plants** at Department of Botany Gulbarga University Gulbarga.

**5. National Conference on Biotechnology for Industrial and Rural Development** at Department of Biotechnology, Gulbarga University Gulbarga.

**6. Two Days National Symposium on Biotechnology-Current Trends and Future Scenario** at Dept of Biotechnology and Bioinformatics, Kuvempu University Shivamogga.

**7. Seminar on Nano Science and Technology-Curriculum Development** at Dept. of Material Science Gulbarga University Gulbarga.

**8. National Seminar on Empowerment of Backward Class Women** at Gulbarga University Gulbarga.

**9. Biodiesel Workshop** at Department of Biotechnology, Gulbarga University Gulbarga.

**10. National Conference on Science and Technology for Human Welfare** at Gulbarga University Gulbarga by Karnataka Science and Technology Bangalore.

**11. National Symposium on Role of Biology and Biotechnology in Conservation of Biodiversity and Sustainable Development** at Gulbarga University Gulbarga.

12. **“Workshop on Alternatives to use of Animals in Life Science Education for Zoology Teachers”** at Dept. of Zoology, Gulbarga university Gulbarga, Karnataka (India).
13. **“National Symposium on Biodiversity and Environment”** at Dept of Zoology, Gulbarga university Gulbarga, Karnataka (India).
14. **“National Conference on Bio-therapeutics”** at Oxford college Bangalore, Karnataka.
15. **“National Conference on Resent Advances in Nanobiotechnology”** at Dept. of Biotechnology, Gulbarga University Gulbarga, Karnataka.
16. **“Annual Conference of Southern Regional Indian Pharmacological Society-2012”**, Dept. of Pharmacology CHRI, Kelambakkam, Kanchipuram Tamil Nadu.
17. **“One day Seminar on Food Security and Natural Resource Management”** organized by Faculty of Science and Technology Gulbarga university Gulbarga, Karnataka.
18. **“National conference on Traditional Medicine: The Untapped Treasure in Modern Drug Discovery”** at Dept. of Biotechnology, Vel. Tech Engineering college Avadi Chennai, Tamil Nadu.
19. **“National conference on Medicinal Plant Research”** at Dept. of Botany Maharani College, Bangalore.
20. **“A National Seminar on Bioremediation of Environmental Pollutants”** at Dept. of Biochemistry, Gulbarga University Gulbarga, Karnataka.
21. **“7<sup>th</sup> Kannada Vigana Samela”** at Gulbarga University Gulbarga, Karnataka
22. **“Kalburgi Kampu 2010”** During 23 Dec. 2010 to 1 Jan 2011 at Gulbarga, Karnataka.
23. **“16<sup>th</sup> Scouts and Guides Taluka rally”** at Budagumpa organized by the Bhartha Scouts and Guides Local Association Gangavati, Karnataka.
24. **“Seminar on Food Security-issue and suggestions for effective Implementation”** organized by Indian institute of public administration at dept. of Biotechnology, Gulbarga University Gulbarga, Karnataka.
25. **“6<sup>th</sup> Annual Karnataka Science and Technology Conference on Science and Technology for Promoting Innovative Research and Development”** during 20-21 Dec 2013, at Christ University, Bangalore.
26. **“KSTA Regional Conference on Science and Technology for Development”** on 30-31<sup>st</sup> of Jan 2014 at Karnataka Central University, Gulbarga, Karnataka.

**27. “One day youth Red cross Training Program”** at Gulbarga University, Gulbarga, Organized by Indian Red Cross Society, Karnataka.

**28. “Inter college University level Special campus on the theme Healthy youth for Healthy India”** organized by NSS Cell of Gulbarga University Gulbarga, Karnataka.

**29. “Special Lecture Series on Advances in Biosciences”** at Dept. of Botany Gulbarga University Gulbarga, sponsored by Karnataka Science and Technology, Bangalore.

**30. “Two days National Seminar on Resent Trends in Biodiversity of India”** UGC Sponsored, at MSI Arts, Science and Commerce College Gulbarga, Karnataka.

**31.** Participated in the workshop on **“Regional Training cum Workshop for Staff of District Biofuel Information and Demonstration Centers 2013-14”** held at the Dept. of Biotechnology Gulbarga University, Gulbarga during 7<sup>th</sup>-8<sup>th</sup> Jan 2014.

**32. International Symposium on Current Trends in Endocrine and Reproductive Health** at University of Mysore, Mysore, Karnataka (India).

**33. “International conference on 3<sup>rd</sup> World Congress on Biotech”** by OMICS Group at HICC, Hyderabad AP, (India).

#### **Reviewer and Technical Editor for International Journals:**

1. Journal of Medicinal Plant Research.
2. African Journal of Microbiology.
3. Journal of Pharmacy Research.
4. International journal of Pharm and Bioscience (**Received appreciation certificate**)

#### **Membership in Professional Science Bodies :**

1. Biotechnology Research Society of India.
2. Association of Microbiologist of India.
3. Indian Science Congress Association of India.
4. Society for Biotechnologists of India.
5. Society of Reproductive Biology and Comparative Endocrinology.
6. The member of NSS advisory committee of Gulbarga University.

#### **Reference :**

- 1. Prof. G.R. Naik** M Sc., Ph. D.  
**Pro Vice Chancellor**, Central University of Karnataka, Kalburgi, Karnataka (India).  
Cell: + 919886467282
- 2. Prof. Ramesh L Londankor** M Sc. M. Phil. Ph. D.  
**Chairman**, Dept. of Biotechnology Gulbarga University Gulbarga, Karnataka (India).



**3. Prof. Vedamurthy A. B.** M. Sc., Ph. D.  
**Chairman,** Dept. of Biotechnology & Microbiology, Karnataka University  
Dharwad, Karnataka,