

**Dr. Sangha Bijekar**



Assistant Professor  
CGBIBT  
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**Education**

<b>Ph.D in Molecular Biology</b> Bangalore University, Bangalore	<b>2012-16</b>
<b>Master of Science in Biotechnology</b> Dr. D. Y. Patil University, Pune	<b>2007-09</b>
<b>Bachelor of Science in Biotechnology</b> RTM Nagpur University, Nagpur	<b>2004-07</b>

**Specialization**

**Biotechnology and Molecular Biology**

**Professional/Teaching Experience**

**Assistant Professor**

C. G. Bhakta Institute of Biotechnology  
Uka Tarsadia University, Tarsadi

**August'2016 - Till date**

**Biology Lecturer**

Vidyalankar Educational Services  
(Nandanvan, Nagpur)

**15 Feb 2015 to 15 Jul 2015  
(6 months)**

**Lecturer**

Department of Biotechnology,  
Hislop College, Nagpur

**2011-2012**

**(1 year)**

### Research Interest

- **Plant Biotechnology**
- **Biochemistry**
- **Molecular Biology**
- **Phytochemistry**

### Research Experience

#### Doctorate

Department of Molecular Biology, Bangalore University, Bangalore

Guide: Dr. M.C.Gayatri & Co-Guide: Dr. L.Rajanna

**June'2012- April'2016**

#### Dissertation

National Research Center for Grapes, Hadapsar, Pune.

Title: Molecular Characterization of Grapevine

Supervisor: Dr. Anuradha Upadhyaya

**Jan'09 to Jun'09**

### Achievements

#### Qualified KARNATAKA STATE ELIGIBILITY TEST (K-SET)

- Aggregate - 218
- Percentage - 62.29

#### Qualified GRADUATE APTITUDE IN ENGINEERING (GATE)-2011

- GATE Score- 418
- **Percentile- 94.44**
- All India rank-913
- Marks- 51

Qualified **National Biotech Talent Search Exam-2011**

### Professional/Research Training/workshops

1. 'Recent Advances in Medical Microbiology and Immunology', organized by Arts, Commerce and Science College, Koradi, Nagpur (18<sup>th</sup> October 2011).
2. 'Biotalk', organized by Hislop School of Biotechnology, Hislop College, Nagpur (10<sup>th</sup>-11<sup>th</sup> October 2011).

3. Workshop on 'Research Grant Writing' organized by Gujarat State Biotechnology Mission (GSBTM) & The National Academy of Sciences, India (NASI) on 30<sup>th</sup> August 2016.

## Publications

### RESEARCH PAPERS

#### ▪ International –

1. **Sangha R. Bijekar** and Gayatri M. C *In vitro* techniques to accelerate flavonoid synthesis in some Euphorbiaceae members June 2014 *International Journal of Innovation and Scientific Research* Vol. 9 No. 1 Sep. 2014, pp. 54-60
2. **Sangha R. Bijekar**, M.C. Gayatri and L. Rajanna 2014 Phytochemical profile of *Baliospermum montanum* (Wild.) Muell. Arg. *International Journal of Innovation and Scientific Research* Vol. 12 No. 1 Nov. 2014, pp. 37-42.
3. **Sangha R Bijekar** and M.C.Gayatri, 2015 Phytochemical profile of *Codiaeum variegatum* (L.) Bl. *International Journal of Pharmacology and Pharmaceutical Sciences* 2014; Vol: 2, Issue: 3, 22-31.
4. **Sangha R. Bijekar**, M.C. Gayatri and L. Rajanna 2015 GC-MS Profile of Methanolic Leaf Extract of *Baliospermum montanum* (Wild.) Muell. Arg *International Journal of Innovative Research in Science, Engineering and Technology* Vol. 4, Issue 8 6943 – 6948.
5. **Sangha R. Bijekar**, M.C. Gayatri and L. Rajanna 2015 Antimicrobial Activity of Isolated Flavonoid Fractions from *Drypetes Roxburghii* (Wall.) Huresawa and Its Phytochemical Fingerprinting *International Journal of Innovative Research in Science, Engineering and Technology* Vol. 4, Issue 7, 6214 – 6224.
6. **Sangha R. Bijekar, Vivek B S, M.C. Gayatri and L. Rajanna** 2016 Green synthesis of silver nanoparticles and its antibacterial activity. *International Journal of Advanced Scientific Research and Publications* V2-1, page no 01 -04

#### ▪ National –

1. Gayatri M. C, **Sangha R. Bijekar**, Shubha J and Vasudha 2014 A reproducible protocol for *In vitro* seed germination and seedling development in *Ocimum basilium*, *Journal of Cytology and Cytogenetics* Vol 15(NS):143-146.
2. **Sangha R Bijekar** and M.C.Gayatri, 2015 Isolation of flavonoid fractions from leaf extract of Euphorbiaceae members and their cytotoxic and anti-inflammatory activity against raw 264.7 cell lines *Journal of Cytology and Cytogenetics* 16 (NS) : 39-46

### REVIEW ARTICLE/S

#### ▪ International -

**Sangha R. Bijekar** and Gayatri M. C. 2014 Ethano Medicinal properties of Euphorbiaceae family- a comprehensive review *International Journal of Phytomedicine*, 6 (2) 144-156.

Date: 14 September 2016

Place: Tarsadia (Bardoli)