

DR. INDU ANNA GEORGE

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| Address | : Department of Life Sciences, University of Mumbai, Vidyanagari Campus, Kalina, Santacruz (E), Mumbai 400 098. | | |
| Designation | : Associate Professor in Life Sciences | | |
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| Telephone | : 00-91-22-2654 3504, 00-91-22-2654 3373 | | |
| ACADEMIC RECORD | | | |
| Degree | Subject | University | Month and Year |
| Ph.D | Life Sciences | University of Mumbai | April 1997 |
| M. Sc. | Biotechnology | University of Poona | April 1989 |
| POSITIONS HELD | | | |
| Designation | Institute | Term | |
| Lecturer in Life Sciences | Ramnarain Ruia College | August 1995 - August 1999. | |
| Senior Lecturer in Life Sciences | Department of Life Sciences, University of Mumbai | May 2000 – August 2004. | |
| Associate Professor in Life Sciences | Department of Life Sciences, University of Mumbai | August 2004 – present. | |
| AREA OF RESEARCH | | | |
| Plant Biotechnology – Micropropagation of rare and economically important plants, secondary metabolite analysis, biosynthesis of nanoparticles and molecular profiling of plants. | | | |
| RESEARCH PROJECTS | | | |
| # | Name of Project | Funding Agency | Amount |
| 1. | Encapsulation and cold storage response of <i>Abelmoschus moschatus</i> nodal segments. | University of Mumbai | 22500/- |
| NUMBER OF STUDENTS GUIDED | | | |
| # | Degree | Number | |
| 1. | M. Sc. (By Research) | 6 | |

RESEARCH PUBLICATIONS

Papers.

1. Indu A. George and A.R. Kulkarni (1997): Micropropagation of Neem- *Azadirachta indica* A Juss. *Annals of Forestry*. **5**(1): 50-54.
2. Kashikar N. D. and George I. (2006) Antimicrobial activity of *Cissus quadrangularis* L. *Indian Journal of Pharmaceutical Sciences*. **68**(2); 245- 247.
3. Prajakta S. Parab and Indu Anna George (2009): Miniaturization of bixin extraction protocol from *Bixa orellana* L. seeds. *Bionano Frontier* **2**(2);6-7
4. Anjali Navgire and Indu George (2010): Micropropagation from axenic seedlings of *Abelmoschus moschatus* Medic (Kasturi Bheni). *Biosciences Biotechnology Research Asia*. **7**(1); 289-295.
5. Meenu Dahiya and Indu George (2012): Antimicrobial Principles from *Cissus quadrangularis*. *Bionano Frontier*. **5**(1); 49-53.
6. Ruchita Rane and Indu Anna George (2013): Encapsulation and cold storage study of *Abelmoschus moschatus* Medik nodal segments. In: Current Trends in Life Sciences; Lambert Academic Publishing, Germany; Eds.: U. S. Bagde *et al.*, 67-74.

Poster Presentations at various seminars/ symposia and conferences:

1. Nachiket D. Kashikar and **Indu A. George** (2006): *Cissus quadrangularis*- an *in vitro* study. National Conference on Environmental Technology- Biological perspectives, Issues and Challenges. Conducted by the Department of Life Sciences, University of Mumbai from 9-10th February 2006.
2. Luiza Lobo, Manisha Patil and **Indu Anna George** (2006): Evaluation of antimicrobial properties of *Hibiscus cannabinus*. National Conference on Environmental Technology- Biological perspectives, Issues and Challenges. Conducted by the Department of Life Sciences, University of Mumbai from 9-10th February 2006.
3. Anjali Navgire, Meenu Dahiya and Indu George (2008): Screening of *Abelmoschus moschatus* for Antimicrobial activity. National Conference in Recent Advances in Biological Sciences, conducted by K. C. College from 19th and 20th September 2008.
4. Ruchita Rane, Meenakshi K., Mansi Shah and Indu A. George (2013): Biological synthesis of silver nanoparticles using *Abelmoschus moschatus*. International conference on Advances in Biotechnology and Bioinformatics (ICABB 2013), organized by Dr. D.Y. Patil Vidyapeeth (Deemed University), Pune along with Biotech Research Society, India from November 25 to 27 2013.

5. Meenakshi K. and Indu A. George (2013): Comparative analysis of *Barleria* sp. using *rbcl* and *matK* gene sequences. International conference on Advances in Biotechnology and Bioinformatics (ICABB 2013), organised by Dr. D.Y. Patil Vidyapeeth (Deemed University), Pune along with Biotech Research Society, India from November 25 to 27 2013.