

## Publications

### Manuscripts published

#### Books and/or Chapters

1. Satpute, S.K., **S. S. Bhuyan**, K. R. Pardesi, S. S. Mujumdar, P.K. Dhakephalkar, A. M. Shete, B. A. & Chopade. (2010). Molecular genetics of biosurfactant synthesis in microorganisms. Chapter 2. Pp 14-41. In: Sen R. K. (Eds) Biosurfactants. Landes Bioscience Publishers. Austin, U.S.A.

#### Proceedings

1. Jagtap, U; **Bhuyan, S**; Korde, S; Pardesi, K; Gaidhani, S.V; Chopade, B.A. (2009). Bioremediation : A preventive solution for pollution. In : Proceedings of Indo-Italian Conference on Emerging Trends in Waste Management Technologies (ETWMT)-2009. pp.380-386
2. Korde, S; **Bhuyan, S**; Jagtap, U; Pardesi, K; Gaidhani, S.V; Chopade, B.A. (2009). Biofilms and Biosurfactants : An Environmental Perspective. Ibid. (ETWMT)-2009. pp. 574-581.
3. Sharvari. V. Gaidhani, Dhara. P. Sachdev, Karishma. R. Pardesi, **Smita. S. Bhuyan & Balu. A. Chopade** (2008). Biofilms in Environment: A Review. In Proceedings of Indo-Italian International Conference on "Clean and Green Environment (CGE-2008)". MAEER's MIT College of Engineering (MITCOE), Pune, India; pp: 903-938

#### Manuscripts under preparation

1. **Smita S Bhuyan**, Vijendra. A. Kavatakar, Peehu. S. Pardesi & Balu A. Chopade " Biological activities of a biosurfactant from marine *Pseudomonas aeruginosa*". Applied and Environmental Microbiology
2. **Smita S Bhuyan**, Sakshi P. Korde, Urmila P. Jagtap & Baluu A. Chopade " Antiadhesive action of a marine Gram positive bacterium". Current Microbiology
3. **Smita S Bhuyan**, Urmila P. Jagtap, Sakshi P. Korde, & Balu A. Chopade " Production of bioemulsifier from *Acinetobacter* sp isolated from Indian marine environment". Current Science
4. **Smita S Bhuyan**, Karishma R. Pardesi & Balu Ananda Chopade. "Marine *Acinetobacter*: A Review". Critical Reviews in Biotechnology
5. **Smita S Bhuyan & Balu A. Chopade**. "Biology of the genus *Brevibacterium*". Biotechnology Advances

#### Symposia / conferences / Workshops attended.

1. "Biosurfactant production by a marine strain of *Pseudomonas*". Oral presentation at the State level Conference on "Microbiology in the 21<sup>st</sup> century", February 2011
2. "Biofilms from marine bacteria" Poster presentation at the 50<sup>th</sup> AMI conference, 15-19<sup>th</sup> December 2009
3. "Spread of antibiotic resistant plasmids from clinical isolates of *Acinetobacter* spp. to other nosocomial pathogens" Poster presentation at the 50<sup>th</sup> AMI conference, 15-19<sup>th</sup> December 2009
4. National workshop on " Analytical Biology" Department of Microbiology, University of Pune; Jan 2009

5. Indo Italian Conference on “Clean and Green Environment (CGE-2008)”. MAEER’s MIT College of engineering(MITCOE) , Pune, India; March 2008
6. Workshop on “Scientific Writing and Communication Skills” organized jointly by Dr. V. G. Bhide Study Centre, Vidnyan Bharati, Pune & Department of Chemistry, University of Pune. Department of Chemistry, University of Pune; February 2008
7. Lecture series on “Microbial Degradation and its applications”, Modern College of Arts, Science and Commerce, Pune 411005, Feb 2008
8. National Workshop 2008 on “Teaching and Learning Biology: Problem Solving Approach”. Department of Microbiology, University of Pune; Jan 2008
9. “Studies on biosurfactant producing microorganisms from Indian marine environments” Poster presentation at the 48<sup>th</sup> AMI Annual Conference. Indian Institute of Technology, Chennai, India; Dec 2007
10. “Bioemulsifier producing *Acinetobacter* and *Pseudomonas* sp. from marine environments of India. Poster presentation at 7<sup>th</sup> Asia Pacific Marine Biotechnology Conference. Kochi India. Nov, 2006
11. “Marine *Acinetobacter* : A Review ” Oral Presentation at Conference on Microbiology of the tropical seas, National Institute of Oceanography, Goa ;Dec 2004
12. “Biodegradation potential of marine *Acinetobacter*: A Review”. Conference on Microbiology of the Tropical Seas. National Institute of Oceanography, Dona Paula, Goa; Dec 2004
13. International Conference on “Microbial Diversity: Current Perspectives and potential Applications, Delhi; April, 2005
14. National Symposium on “Microalgal Biotechnology”, Tiruchirapalli; March, 2004

**Fellowship / awards.**

- Worked as a Project Assistant on a DBT funded project entitled “Screening of marine *Acinetobacter* genospecies for production of biosurfactant/s, utilization of marine waste for production of biosurfactant/s, its purification, antimicrobial activity and molecular genetics of biosurfactant genes”