

**Name: Dr. Shibani Sukhi**

**Position: Research Associate (teaching)**

**Education:**

Masters: Mumbai University, Microbiology (2004)

Ph.D.: Bhabha Atomic Research Center, Microbiology (2012)

**Research Area:** Molecular Microbiology, Antibiotic Resistance



**Projects:** Study of efflux pump mediated multidrug resistance  
Role of biofilm and quorum sensing in drug resistance

**Positions Available:**

M.Sc. Dissertation trainees,  
summer trainees

**Grants:** SERB Young Scientist fellowship 2015  
SPPU 12<sup>th</sup> Plan Innovative Research grant

**People:**

Current: Lipi Das (M.Sc. Dissertation project 2015)  
Shruti Tembe (M.Sc. Dissertation project 2015)

Past: Pramod Kumar (M.Sc. Dissertation project 2014)  
Khusboo Arya (M.Sc. Dissertation project 2014)

**Publications:**

1. **Shibani S. Sukhi**, Ravindranath Shashidhar, Sanjukta A. Kumar, Jayant R. Bandekar. (2009), Radiation resistance of *Deinococcus radiodurans* R1 with respect to growth phase, **FEMS Microbiology Letters**, 297:49-53.
2. ISDmu1 sequence of *Deinococcus ficus* strain mumbaiensis. **Sukhi S.S.**, Shashidhar, R. and Bandekar, J. R. **Gene bank**. Accession no: GU208209 (Dec 2009).
3. Manisha Karani, Ravindranath Shashidhar, Aarti Kakatkar, Raj Kamal Gautam, **Shibani Sukhi**,\* Lipika Pansare-Godambe, Jayant Bandekar (2015). Radiation-resistant *Macrocooccus caseolyticus* (A) isolated from radiation-processed semidried prawns. **Canadian Journal of Microbiology**, 61(1): 89-92, 10.1139/cjm-2014-0636