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- Education and experience
- PhD Biotechnology (2003-2007), University of Pune, INDIA
 - Visiting Scientist (2007-2010), USDA-ARS, Beltsville, Maryland, USA
 - Postdoc (2010-2011), University of Maryland, UMB, Baltimore, USA
 - Research Scientist I Ad-Hoc (2011-2012), ICMR-NIV, Pune, INDIA
 - Senior Scientist (from 2012- ahead), CSIR-NCL, Pune, INDIA
- Achievements
- Worked at US Federal Core Laboratory (USDA-ARS) in collaboration with US Army Research Institute (ARI)
- Research subjects:
- Life Science, Microbiology, Biotechnology
- Research Areas
- Microbial resource management
 - Taxonomy, ecology and diversity of microbes from unique niches
- Recent publications
- Bhagwat AA, Leow YN, Liu L, **Dharne M**, Kannan P. Role of anionic charges of periplasmic glucans of *Shigella flexneri* in overcoming detergent stress. *Foodborne Pathog Dis.* 2012;9(7):632-7.
 - Bhagwat AA, Kannan P, Leow YN, **Dharne M**, Smith A. Role of anionic charges of osmoregulated periplasmic glucans of *Salmonella enterica* serovar Typhimurium SL1344 in mice virulence. *Arch Microbiol.* 2012;194(6):541-8.
 - Gupta AK, **Dharne M**, Rangrez AY, Verma P, Ghatge HV, Rohde M, Patole MS, Shouche YS. *Ignatzschineria indica* sp. nov. and *Ignatzschineria ureiclastica* sp. nov., isolated from adult flesh flies (Diptera: Sarcophagidae). *Int J Syst Evol Microbiol.* 2011;61(6):1360-9.
 - Liu L, **Dharne M**, Kannan P, Smith A, Meng J, Fan M, Boren TL, Ranallo RT, Bhagwat AA. Osmoregulated periplasmic glucans synthesis gene family of *Shigella flexneri*. *Arch Microbiol.* 2010;192(3):167-74.
 - Bhagwat AA, Jun W, Liu L, Kannan P, **Dharne M**, Pheh B, Tall BD, Kothary MH, Gross KC, Angle S, Meng J, Smith A. Osmoregulated periplasmic glucans of *Salmonella enterica* serovar Typhimurium are required for optimal virulence in mice. *Microbiology.* 2009;155(Pt 1):229-37.