

CURRICULUM VITAE OF Dr. Bhushan L. Chaudhari

Name: Bhushan L. Chaudhari

Address: Dept. of Microbiology

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Academic Qualifications: Ph.D. (Microbiology)

Professional experience: Worked in Production Officer (Fermentation) in Lupin Chemicals Ltd., Mumbai & Manager NAPRO Pvt. Ltd. , Pune for 2 ½ years together

Awards and Fellowships: Visiting scientist to University of Alabama in Huntsville, USA in 2007.

DAAD Fellowship, Germany (1998)

JSPS Fellowship (2002-2004)

Current areas of research: Probiotics & Microbial biotechnology

Publications Related to Probiotics (Total 25 publications including probiotics & 02 patents)

1. Ahire, J. J., Bhat A., Thakre J., Zope, D., Pawar, P., Jain, R., Chaudhari, B. L. **(2011)**. "Cholesterol assimilation and biotransformation by *Lactobacillus helveticus*" Biotechnology Letters, DOI: 10.1007/s10529-011-0733-2.
2. Ahire, J. J., Mokashe, N., Patil, H., Chaudhari, B. L. **(2011)**. Antioxidative potential of folate producing probiotic *Lactobacillus helveticus* CD6. Journal of Food Sciences and Technology, DOI 10.1007/s13197-011-0244-0.
3. Ahire, J. J., Patil, K. P., Chaudhari, B. L. & Chincholkar S. B. **(2011)**. A potential probiotic culture ST2 produces siderophore 2,3dihydroxybenzoylserine under intestinal conditions. Food Chemistry, 127: 387-393.
4. Ahire, J. J., Patil, K. P., Chaudhari, B. L. & Chincholkar, S. B. **(2011)**. Bacillus spp. of human origin: A potential siderophoregenic probiotic bacteria. Applied Biochemistry and Biotechnology, 164: 386-400.
5. Patel, A. K., Ahire, J. J., Pawar, S., Chaudhari, B. L, Chincholkar, S. B. **(2009)** Comparative accounts of probiotic characteristics of Bacillus spp. isolated from food wastes. Food Research International, 42(4): 505-510.



6. Patel, A. K., Ahire, J. J., Pawar, S. P., Chaudhari, B. L., Shouche, Y. S. and Chincholkar, S. B. **(2009)**. Evaluation of the probiotic characteristics of siderophoregenic *Bacillus* spp isolated from dairy waste. *Applied Biochemistry and Biotechnology*, 160:140-155.
7. Patel, A. K., Deshattiwar, M. K., Chaudhari, B. L., Chincholkar, S. B. **(2009)** Production, purification and chemical characterization of the catecholate siderophores from a potent probiotic strains of *Bacillus* sp. *Bioresource Technology*, 100 (1): 368-373.