

## CURRICULUM VITAE OF Dr. Rajesh Kumar

**Name:** Dr. Rajesh Kumar

**Address:** Microbiology & Immunology Dept.,

National Institute of Nutrition, Tarnaka, Hyderabad-500007.

**Contact numbers:** +91-9248692698

**Email:** rajesh.mbu@gmail.com



### Academic Qualifications:

Degree	Discipline	Institute/University	Year
Doctorate in Philosophy (Ph.D)	Dairy Microbiology	National Dairy Research Institute, Karnal	2005-2009
Master of Science (M.Sc)	Microbiology	Bundelkhand University, Jhansi	2003-2005
Bachelor of Science (B.Sc)	Biology	Ch. Charan Singh University, Jhansi	1996-1999

### Professional experience:

Employer	Designation	Period	Area
Dr. Hemalatha R. (Scientist E & Head), Microbiology & Immunology Dept., National Institute of Nutrition, Hyderabad	ICMR-Post Doctoral Fellow	2010-05-01 to 2011-11-30	Probiotics against CVDs, rDNA technology, Gut- Microbiology etc.
Dr. Jai Kaushik (Sr. Scientist), ABTC, National Dairy Research Institute, Karnal	Research Associate	2009-08-07 – to 2010-04-30	Probiotics, rDNA technology etc.

### Awards and Fellowships:

- **ICMR-Post Doctoral Fellowship** (2010-2012) has been awarded by Indian Council of Medical Research (ICMR).
- Institutional **Senior Research Fellowship** awarded during Ph.D programme (Aug 2005- Feb 2009) through Indian Council of Agricultural Research.
- **Awarded best (1<sup>st</sup>) poster presentation** on “Molecular cloning, sequence analysis and expression of bile salt hydrolase (*bsh*) gene from indigenous probiotic *Lactobacillus plantarum* strain of human origin” in **International Conference on Microbial Biotechnology** held at Punjab University, Chandigarh (March 03-04, 2009).
- **Awarded second best poster presentation** on “Bile Salt Hydrolase activity of some potential indigenous probiotic lactobacilli of human origin” in **International Conference on Traditional Dairy Foods** held at NDRI, Karnal (Nov 14-17, 2007).

**Current areas of research:** Molecular Microbiology, Cardiovascular diseases, Probiotics and Gut Microbiology.

**Publications Related to Probiotics:**

1. Kumar, R., Grover, S. and Batish, V.K. **2011**. Molecular Typing by Specific Primed-PCR Assays of Putative Probiotic Indigenous *Lactobacillus plantarum* strain Lp91 of Human Origin. *Probiotics & Antimicrobial Proteins*. DOI 10.1007/s12602-011-9083-6.
2. Kumar, R., Grover, S and Batish, V. K. **2011**. Hypocholesterolemic effect of dietary inclusion of two putative probiotic bile salt hydrolase producing *Lactobacillus plantarum* strains in Sprague –Dawley Rats. *British J. Nutr.*, 105: 561-573.
3. Kumar, R., Grover, S., Mohanty, A.K. and Batish, V.K. **2010**. Molecular cloning and sequence analysis of bile salt hydrolase (*bsh*) gene from *L. plantarum* MBUL90 strain of human origin. *Food Biotech.*, **24** (3): 215-226.