Reference

1. Ricciardi A., E. Parente, M.A. Crudele, F. Zanetti, G. Scolari and I. Mannazzu Exopolysaccharide production by Streptococcus thermophilus


51. Ghaly, A. E., Tango, M. S. A. and Adams, M. A. *Enhanced lactic acid production from cheese Whey with nutrient supplement addition*. Agricultural


64. John J., Bozzola, and D. Russell Lonnie, Electron Microscopy Principles and Techniques for Biologists (Sudbury, Massachusetts, Jones and Bartlett, 1998).


81. Kanmani Paulraj, Seung Taik Lim, Synthesis and structural characterization of silver nanoparticles using bacterial exopolysaccharide


84. Karl-Heinz Schleifer, Wolfgang Ludwig, Molecular Taxonomy: Classification and Identification, Bacterial Diversity and Systematics Federation of European Microbiological Societies Symposium Series Volume 75, 1994, pp 1-15


86. Kim D, Jeong S and Moon J 2006 Nanotechnology 17 4019


114. Melissa M., Kemp, Ashavani Kumar, Dylan Clement, Pulickel Ajayan,(2009), Hyaluronan and heparin-reduced AgNP's with antimicrobial properties, Nanomedicine 4(4):421-429.


162. Sienkiewicz, T. and Riedel C.-L. (1990), Whey and Whey Utilization. Th Mann, Germany.


183. Vijay Kumar Gupta and Sachdeva Singh, 2007, dairy technology division, National Dairy Research Institute, Karnal-132001
186. Volker Alt et al (2004) reported that the bone cement with 1% of nanosilver was highly effective against Methicillin resistant *S. epidermis* and showed complete inhibition of proliferation.


201. NSET, (Nanoscale Science, Engineering, and Technology), Subcommittee, National Science and Technology Council (NSTC), Executive Office of the President (EOP), Nanoscience Research for Energy Needs, December 2004.


226. Synergetics ,environmental engineering,Review of literature on gasification derived nanoparticles For ,New Energy Corporation Pty Ltd, 5 July 2012


234. Dattu Singh, Vandana Rathod, Shivaraj Ninganagouda, Jyothi Hiremath, Ashish Kumar Singh, and Jasmine Mathew Optimization and Characterization of Silver Nanoparticle by Endophytic Fungi *Penicillium* sp. Isolated from *Curcuma longa* (Turmeric) and Application Studies against MDR *E. coli* and *S. aureus*. Bioinorganic Chemistry and Applications Vol. 2014.


**List of Publications**


6. Inducive effect of L-methionine in transformation of L-tyrosine to L-Dopa and tyrosinase production by *Streptomyces sp*. VRS9.Santosh

7. Prevalence of *E. coli* and faecal coliforms in milk available at Gulbarga city, Karnataka. Ranganath E, Vandana Rathod, Santosh patil Indian journal of dairy sciences, Vol,63, No.1; (2010),pp 31-34,


**Papers communicated**

1. Probiotic *Lactobacillus rhamnosus* harboured AgNP’s-A novel biocidal agent against uropathogenic ESBL *E. coli* and MR and VR *Staphylococcus aureus*. Ranganath E, Santosh Patil and Vandana Rathod, International Journal of Antimicrobial Agents **(Impact factor- 4.2).**

2. PMMA Bone cement impregnated with EPS-stabilized AgNP’s and its anti-biofilm activity against VRSA. Ranganath E, Santosh Patil and Vandana Rathod, Colloidal and Surface B **(Impact factor 4.3).**

3. *Lactobacillus* sp. mediated synthesis of AgNP’s and Mechanism involved in reduction of silver ions. Ranganath E, Santosh Patil and Vandana Rathod, Journal of Nanoparticle.

**Conferences and Seminars Attended**
