

Biodata

Name : Dr. Sukhadeo B. Barbuddhe
Designation : **Director**
Contact : **Email:** sb.barbuddhe@icar.gov.in, barbuddhesb@gmail.com,
Qualifications : M. V. Sc., Ph. D. in Veterinary Public Health
Research Areas : Zoonoses, Foodborne infections, Antimicrobial resistance, One Health, *Listeria monocytogenes*, Molecular Epidemiology
Patents : Granted : 01 Filed: 03

Recognitions and Awards

- **Fellow of Royal Society of Biology.**
- **Fellow of National Academy of Agricultural Sciences (India).**
- **Fellow of National Academy of Veterinary Sciences (India).**
- **Fellow of Indian Association of Veterinary Public Health Specialists.**
- **Association of Food Scientists and Technologists (India) – Food Safety and Standards Authority of India Award- 2024** for contributions in the field of 'Food Safety'.
- **Young Scientists' Award of National Academy of Agricultural Sciences (NAAS)** in Animal Sciences for the year 1997- 98.
- **Associate Editor, Gut Pathogens Journal** published by Springer Nature, 2016 to date and **Journal of Microbiological Methods**
- **Chairman of Scientific Panel on Biological Hazards, Food Safety and Standards Authority of India (FSSAI), Government of India (2023 - 2025)**
- **Chairman of Panel of Food and Agriculture Division 18 : Meat Industry and Slaughterhouse of Bureau of Indian Standards, Ministry of Consumer Affairs, Government of India (2020 - 2025)**
- International Expert Member of Joint FAO/WHO Expert Meeting on Microbial Risk Assessment on Microbiological Risk Assessment of *Listeria monocytogenes* in Ready-to-Eat (RTE) Food: Attribution, Characterization and Monitoring
- Advisor, Bi-Regional Advocacy Meeting on Risk Mitigation in Traditional Food Markets in the Asia Pacific region organized by SEARO WHO
- Member, Scientific Committee, Food Safety and Standards Authority of India
- Participated in XV International Symposium on Problems of Listeriosis (ISOPOL XV), Uppsala, Sweden, September 12-15, 2004.
- Biotechnology Overseas Associateship at Institute for Medical Microbiology, Justus-Liebig University, Giessen, Germany during 1 November 2006 to 31 October, 2007.
- Member, International Advisory Committee of **XVI International symposium on Problem of Listeriosis** held during 20-23 March, 2007, Savannah, Georgia, USA.
- **Member of the International Advisory committee** for International Symposium on Problems of Listeriosis held in Portugal, May 5-8, 2010.
- **Convener and Secretary, Scientific Committee, XVIII International Symposium on Problems of Listeriosis (ISOPOL XVIII)** held in Goa, India, September 19-22, 2013.
- Member of Scientific Committee of XIX International Symposium on Problems of Listeriosis held in Paris, France, June 14-17, 2016.
- Member of Scientific Committee of XX International Symposium on Problems of Listeriosis held in Toronto, Canada, September 24-27, 2019.

Peer reviewed Publications

Research Papers: National journals : 45
International Journals : 130

Review articles : 18

Book chapters : 24

Books authored : 07

List of Publications	
Review on Microbiological Risk Assessment	
1.	Vergis J., Pollumahanti, P., Sahu, R. K., Rawool, D.B., and Barbuddhe, S.B. 2025. Ensuring food safety: microbiological risk assessment strategies. <i>Current Opinion in Food Science</i> , 62,101272.
Review on food authentication	
2.	Vishnuraj, M. R., Aravind Kumar, N., Vaithyanathan, S., and Barbuddhe, S. B. 2023. Authentication issues in foods of animal origin and advanced molecular techniques for identification and vulnerability assessment. <i>Trends in Food Science and Technology</i> 138: 164-177.
Reviews on Listeria	
3.	Malik S.V.S., Barbuddhe S.B. and Chaudhari S. P. 2000. Listeric infections in man and animals in Indian subcontinent: a review. <i>Tropical Animal Health and Production</i> 34(5): 359-381.
4.	Barbuddhe, S. and Chakraborty T. 2008. Biotechnological applications of <i>Listeria</i> 's sophisticated infection strategies. <i>Microbial Biotechnology</i> 1(5):361–372.
5.	Barbuddhe, S.B. and Chakraborty, T. (2009) <i>Listeria</i> as an enteroinvasive gastrointestinal pathogen. <i>Current Topics in Microbiology and Immunology</i> 337:173-195.
6.	Barbuddhe S.B. , Malik S.V.S., J. Ashok Kumar, Kalorey, D.R., and Chakraborty, T. 2012. Epidemiology and management of listeriosis in India. <i>International Journal of Food Microbiology</i> . 154(3):113-118.
7.	Dhama, K., Karthik, K, Tiwari, R., Shabbir, M.Z., Barbuddhe, S. , Malik, S.V. and Singh RK.2015. Listeriosis in animals, its public health significance (food-borne zoonosis) and advances in diagnosis and control: a comprehensive review. <i>Veterinary Quarterly</i> 35(4):211-35.
8.	Barbuddhe, S.B. , Rawool, D.B., Doijad, S.P., Vergis, J., Malik, S.S. and Chakraborty T. 2021. Ecology of <i>Listeria monocytogenes</i> and <i>Listeria</i> species in India: the occurrence, resistance to biocides, genomic landscape and biocontrol. <i>Environmental Microbiology</i> . 24(6):2759-2780.
Reviews on Coxiella burnetii	
9.	Sahu, R., Rawool, D.B., Vinod, V.K., Malik, S.V.S. and Barbuddhe, S.B. 2020. Current approaches for the detection of <i>Coxiella burnetii</i> infection in humans and animals. <i>Journal of Microbiological Methods</i> 179:106087.
10.	Sahu, R., Rawool, D.B., Dhaka, P., Yadav, J.P., Mishra, S.P, Kumar, M., Vergis, J., Malik, S.S. Barbuddhe, S.B. 2021. Current perspectives on the occurrence of Q fever: highlighting the need for systematic surveillance for a neglected zoonotic disease in Indian subcontinent. <i>Environmental Microbiology Reports</i> 13(2):138-158.
Reviews on One Health	
11.	Chakraborty, T and Barbuddhe, S.B. 2021. Enabling One Health solutions through genomics. <i>Indian Journal of Medical Research</i> . 153(3):273-279.
12.	Vergis, J., Rawool, D.B., Malik, S.V. and Barbuddhe, S.B. 2021. Food safety in fisheries: Application of One Health approach. <i>Indian Journal of Medical Research</i> 153(3):348-357.
13.	Chaudhari, S.P., Kalorey, D.R., Awandkar, S.P., Kurkure, N.V., Narang, R., Kashyap, R.S., Rahi, M. and Barbuddhe, S.B. 2021. Journey towards National Institute of One Health in India. <i>Indian Journal of Medical Research</i> 153(3):320-326.
14.	Dasgupta, R., Tomley, F., Alders, R., Barbuddhe, S.B. , and Kotwani, A. 2021. Adopting an intersectoral One Health approach in India: Time for One Health Committees. <i>Indian Journal of Medical Research</i> 153(3):281-286.

15.	Bedi, J.S., Vijay, D., Dhaka, P., Gill, J.P.S., and Barbuddhe, S.B. 2021. Emergency preparedness for public health threats, surveillance, modelling & forecasting. <i>Indian Journal of Medical Research</i> 153(3):287-298.
Review on SARS-CoV-2/COVID-19	
16.	Barbuddhe SB, Rawool DB , Gaonkar PP, Vergis J, Dhama K, Malik SS. 2020 . Global scenario, public health concerns and mitigation strategies to counter current ongoing SARS-CoV-2 / COVID-19 pandemic. <i>Human Vaccine & Immunotherapeutics</i> 16(12):3023-3033.
Research Publications on Antimicrobial Resistance and its mitigation	
17.	Kumar, M., Dhaka, P., Vijay, D., Vergis, J., Mohan, V., Kumar, A., Kurkure, N.V., Barbuddhe, S. B. , Malik, S.V. and Rawool, D.B*. (2016). Antimicrobial effects of <i>Lactobacillus plantarum</i> and <i>acidophilus</i> against multidrug-resistant enteroaggregative <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> . 48 : 265-270.
18.	Vergis, J., Pathak, R., Kumar, M., Sunitha, R., Malik, S.V.S., Barbuddhe, S.B. and Rawool, D.B*., 2018. A comparative study for detection of extended spectrum β -lactamase (ESBL) production by Enteroaggregative <i>Escherichia coli</i> (EAEC) strains using double disc, nitrocefin and PCR assays. <i>Journal of Microbiological Methods</i> , 151 , pp.57-61
19.	Vergis, J., Malik, S.V.S., Pathak, R., Kumar, M., Sunitha, R., Barbuddhe, S.B. and Rawool, D.B., 2019. Efficacy of Indolicidin, Cecropin A (1-7)-Melittin (CAMA) and Their Combination Against Biofilm-Forming Multidrug-Resistant Enteroaggregative <i>Escherichia coli</i> . <i>Probiotics and Antimicrobial Proteins</i> , pp.1-11.
20.	Vergis, J., Malik, S.V.S., Pathak, R., Kumar, M., Ramanjaneya, S., Kurkure, N.V., Barbuddhe, S.B. and Rawool, D.B., 2019. Antimicrobial efficacy of Indolicidin against multi- drug resistant enteroaggregative <i>Escherichia coli</i> in a <i>Galleria mellonella</i> model. <i>Frontiers in Microbiology</i> , 10 , p.2723.
21.	Vergis, J., Malik, S.S., Pathak, R., Kumar, M., Ramanjaneya, S., Kurkure, N.V., Barbuddhe, S.B. and Rawool, D.B., 2020. Exploiting Lactoferricin (17–30) as a potential antimicrobial and antibiofilm candidate against multi-drug-resistant enteroaggregative <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 11 , p.2168.
22.	Vergis J, Malik SVS, Pathak R, Kumar M, Kurkure NV, Barbuddhe SB , Rawool DB. 2021. Exploring <i>Galleria mellonella</i> larval model to evaluate antibacterial efficacy of Cecropin A (1-7)-Melittin against multi-drug resistant enteroaggregative <i>Escherichia coli</i> . <i>Pathogens and Disease</i> . 79(3):ftab010.
23.	Abishad P, Niveditha P, Unni V, Vergis J, Kurkure NV, Chaudhari S, Rawool DB, Barbuddhe SB . 2021. In silico molecular docking and in vitro antimicrobial efficacy of phytochemicals against multi-drug-resistant enteroaggregative <i>Escherichia coli</i> and non-typhoidal <i>Salmonella</i> spp. <i>Gut Pathogens</i> 13(1):46.
24.	Nishanth MAD, Bhoomika S, Gourkhede D, Dadimi B, Vergis J, Malik SVS, Barbuddhe SB , Rawool DB*. 2021. Antibacterial efficacy of in-house designed cell-penetrating peptide against multi-drug resistant strains of <i>Salmonella</i> Enteritidis and <i>Salmonella</i> Typhimurium. <i>Environmental Microbiology</i> 24(6):2747-2758.
25.	Gourkhede, D.P., Bhoomika, S., Pathak, R., Yadav, J.P., Nishanth, D., Vergis, J., Malik, S.V.S., Barbuddhe, S.B. and Rawool, D.B., 2020. Antimicrobial efficacy of Cecropin A (1–7)-Melittin and Lactoferricin (17–30) against multi-drug resistant <i>Salmonella</i> Enteritidis. <i>Microbial Pathogenesis</i> , 147 , p.104405
26.	Gourkhede, D. P., Nishanth, M.A.D., Ram, V.P., Abishad, P., Yasur, J., Pollumahanti, N., Vergis, J., Malik, S.V.S., Barbuddhe, S.B. and Rawool, D.B. (2022). Antimicrobial efficacy of chitosan encapsulated Cecropin-A (1–7)-melittin-cell-penetrating peptide against multi-drug-resistant <i>Salmonella</i> Enteritidis. <i>Journal of Drug Delivery Science and Technology</i> , 78 : 103981
27.	Abishad, P., Vergis, J., Unni, V., Ram, V.P., Niveditha, P., Yasur, J., Juliet, S., John, L., Byrappa, K., Nambiar, P., Kurkure, N. B., Barbuddhe, S. B. and Rawool, D. B. (2022). Green synthesized silver

	nanoparticles using <i>Lactobacillus acidophilus</i> as an antioxidant, antimicrobial, and antibiofilm agent against multi-drug resistant enteroaggregative <i>Escherichia coli</i> . <i>Probiotics and Antimicrobial Proteins</i> , 14(5): 904-914
28.	Patil, V., Hedau, M., Kaore, M., Badar, S., Kadam, M. M., Chaudhari, S. P., Rawool, D. B., Barbuddhe, S. B., Vergis, J., & Kurkure, N. V. (2023). Potential of cinnamaldehyde essential oil as a possible antimicrobial against fowl typhoid in layers. <i>Tropical Animal Health and Production</i> , 55(2).
29.	Prasastha Ram, V., Yasur, J., Abishad, P., Unni, V., Purushottam Gourkhede, D., Nishanth, M.A. D., Niveditha, P., Vergis, J., Malik, S.V.S., Byrappa, K., Kurkure, N.B., Ramesh, C., Dufosse, L., Rawool, D.B. and Barbuddhe, S.B. (2022). Antimicrobial efficacy of green synthesized nanosilver with entrapped cinnamaldehyde against multi-drug-resistant enteroaggregative <i>Escherichia coli</i> in <i>Galleria mellonella</i> . <i>Pharmaceutics</i> , 14(9): 1924.
30.	Prasastha Ram, V., Yasur, J., Abishad, P., Ramesh, C., Gourkhede, D., Pokkittath, A., Unni, V., Vergis, J., Malik, S., Kaore, M., Kurkure, N. V., Byrappa, K., Barbuddhe, S. B., & Rawool, D. B. (2023). Enhanced therapeutic efficacy of biogenic nanosilver-conjugated thymol: In vitro and in vivo evaluation against emerging multi-drug resistant microbes. <i>Journal of Drug Delivery Science and Technology</i> . 86, 104741.
31.	Abishad, P., Vergis, J., Arya, P.R., Unni, V., Vinod, V.K., Juliet, S., Kurkure, N.V., Barbuddhe, S.B., Byrappa, K. and Rawool, D.B. (2023). Facile one-pot synthesis of gold nanoparticles using <i>Lactobacillus acidophilus</i> as a potential photocatalytic agent against multi-drug-resistant pathogens of public health importance. <i>Biomass Conversion and Biorefinery</i> , doi.org/10.1007/s13399-023-04849-8
32.	Arya, P. R., Padikkamannil, A., Unni, V., Vemula Ram, P., Pollumahanti, N., Yasur, J., John, L., Asha, Nambiar, P., Juliet, S., Vinod, V. K., Vergis, J., Kurkure, N. V., Barbuddhe, S. B., Byrappa, K. and Rawool, D. B. (2023). Facile synthesis of silver-zinc oxide nanocomposites using <i>Curcuma longa</i> extract and its in vitro antimicrobial efficacy against multi-drug resistant pathogens of public health importance. <i>Inorganic Chemistry Communications</i> , 148, 110356.
33.	Abishad, P., Jayashankar, M., Hezam, A., Srinath, B.S., Kurkure, N.V., Barbuddhe, S.B., Rawool, D.B. and Vergis, J. 2024. Synthesis and characterization of nano-cobalt aluminium oxide as a potential antioxidant, biocidal and photocatalytic disinfectant against multi drug-resistant pathogens of public health significance. <i>Nano-Structures & Nano-Objects</i> , 37, 101112,
34.	Mohan, B., Abishad, P., Arya, P.R., Dias, M., Vinod, V.K., Karthikeyan, A., Juliet, S., Kurkure, N.V., Barbuddhe, S.B., Rawool, D.B. and Vergis, J. 2024. Elucidating antibiofilm as well as photocatalytic disinfection potential of green synthesized nanosilver against multi-drug-resistant bacteria and its photodegradation ability of cationic dyes. <i>Gut Pathogens</i> . 2024 Sep 27;16(1):51.
35.	Desai, S.S., Abishad, P., Deepika Roy, K.A., Sandeep, N.C., Ahalya, A.K., Vinod, V.K., Krishnan, R., Barbuddhe, S.B., Rawool, D.B. and Vergis, J. 2025. Synthesis of a novel cobalt-based DABCO framework: Evaluation of cytotoxicity potential and its antibacterial potential against multi-drug-resistant pathogens. <i>Journal of Molecular Structure</i> , 1325, 141056
36.	Sandeep, N.C., Abishad, P., Vinod, V.K., Karthikeyan, A., Juliet, S., Kurkure, N.V., Barbuddhe, S.B., Rawool, D.B. and Vergis, J. 2024. Evaluation of ZnO nanoparticles from 'Monsooned Malabar Robusta Coffee' husk as a potential antioxidant and biocidal candidate: A sustainable valorization approach. <i>Journal of Drug Delivery Science and Technology</i> , 96, 105675,
37.	Unni, V., Abishad, P., Mohan, B., Arya, P.R., Juliet, S., John, L., Vinod, V.K., Karthikeyan, A., Kurkure, N.V., Barbuddhe, S.B., Rawool, D.B. and Vergis, J. 2025. Antibacterial and photocatalytic potential of piperine-derived zinc oxide nanoparticles against multi-drug-resistant non-typhoidal <i>Salmonella</i> spp. <i>BMC Microbiology</i> ; 25(1):89.
Research Publications on <i>Listeria</i>	
38.	Barbuddhe, S.B. , Malik, S.V.S. and Gupta, L.K. (1997). Effect of <i>in vitro</i> monocyte activation by listerial antigens on phagocytosis and production of reactive oxygen and nitrogen radicals in bovines. <i>Veterinary Immunology and Immunopathology</i> , 64 : 249-259.
39.	Barbuddhe, S.B* , Malik, S.V.S., Choudhary, S.P. and Gupta L.K. (1998). Kinetics of interferon

	gamma production and its comparison with anti-listeriolysin O detection in experimental bovine listeriosis. <i>Veterinary Research Communications</i> , 22 : 505-516.
40.	Patil, N.A. Udupa, K.G., Kasaralika, V.R., Prasanna Kumar, S., Rao, D.G.K. and Barbuddhe, S. B. (1998). Listerial abortion and encephalitis in a buffalo. <i>Buffalo Bulletin</i> , 17 :43.
41.	Barbuddhe, S.B. Malik, S.V.S., Bhatnagar, S. and Gupta L.K. (1999). Cytotoxic T-cell, delayed type hypersensitive and anti-listeriolysin O responses in experimental bovine listeriosis. <i>Veterinary Microbiology</i> , 64 : 333-341.
42.	Barbuddhe, S.B.* , Malik, S.V.S. and Prahlada Kumar (1999). High seropositivity against anti-listeriolysin O in humans. <i>Pathogens and Global Health (Annals of Tropical Medicine and Parasitology)</i> , 93 : 537-539.
43.	Barbuddhe, S.B.* , Malik, S.V.S. and Bhilegaonkar, K.N. (1999). Growth inhibition of pathogenic <i>Listeria monocytogenes</i> by commercial nisin and lactic acid in raw buffalo meat. <i>Journal of Food Science and Technology</i> , 36 : 320-324.
44.	Pawar, D.D., Malik, S.V.S.; Bhilegaonkar, K.N. and Barbuddhe, S.B.* . (1999). Survivability of pathogenic <i>Listeria monocytogenes</i> against pure nisin and its combination with sodium chloride in raw buffalo meat mince. <i>Journal of Food Science and Technology</i> , 38 : 138-141.
45.	Barbuddhe, S.B.* , Malik, S.V.S. and Gupta, L.K. (2000). Kinetics of antibody production and clinical profiles of calves experimentally infected with <i>Listeria monocytogenes</i> . <i>Zoonoses and Public Health (Journal Veterinary Medicine B)</i> , 47 : 497-502.
46.	Barbuddhe, S.B.* , Malik, S.V.S., Bhilegaonkar, K.N.; Prahlada Kumar and Gupta, L.K.(2000). Isolation of <i>Listeria monocytogenes</i> and anti-listeriolysin O detection in sheep and goats. <i>Small Ruminant Research</i> , 38 :151-155.
47.	Pawar, D.D. Malik, S.V.S. Bhilegaonkar, K.N. and Barbuddhe, S.B.* . (2000). Effect of nisin and its combination with sodium chloride on survival of <i>Listeria monocytogenes</i> added to raw buffalo meat mince. <i>Meat Science</i> , 56 :215-219.
48.	Pawar, D.D., Malik, S.V.S.; Bhilegaonkar, K.N. and Barbuddhe, S.B.* . (2000). The effect of sodium acid pyrophosphate and sodium lactate on the viability of <i>Listeria monocytogenes</i> in raw buffalo meat mince. <i>Journal of Food Science and Technology</i> , 39 : 164-166.
49.	Barbuddhe, S.B.* . Chaudhari, S. P. and Malik, S.V.S. (2002). The occurrence of pathogenic <i>Listeria monocytogenes</i> and antibodies against listeriolysin O in buffaloes. <i>Zoonoses and Public Health (Journal of Veterinary Medicine B)</i> , 49 :181-184.
50.	Chaudhari, S. P. Malik, S.V.S.; Banu Rekha, G. and Barbuddhe, S.B.* . (2001). Detection of anti-listeriolysin O and <i>Listeria monocytogenes</i> in experimentally infected buffaloes (<i>Bubalus bubalis</i>). <i>Tropical Animal Health and Production</i> , 33 :285-293.
51.	Chaudhari, S. P., Malik, S.V.S. and Barbuddhe, S.B.* . (2004). Humoral and delayed type hypersensitive responses against <i>Listeria monocytogenes</i> phosphatidylinositol-specific phospholipase C in experimentally infected buffaloes. <i>Veterinary Research Communications</i> . 28 :569-579.
52.	Chaudhari, S. P., Malik, S.V.S., Chatlod, L.R. and Barbuddhe, S.B.* . (2004). Isolation of pathogenic <i>Listeria monocytogenes</i> and detection of antibodies against phosphatidylinositol- specific phospholipase C in buffaloes. <i>Comparative Immunology Microbiology and Infectious Diseases</i> 27 :141-148.
53.	Kalorey D.R., Kurkure, N.V., Warke, S. R., Rawool, D.B., Malik, S.V.S. and Barbuddhe, S.B. (2006). Isolation of pathogenic <i>Listeria monocytogenes</i> in faeces of wild animals in captivity. <i>Comparative Immunology Microbiology and Infectious Diseases</i> 29 :295-300.
54.	Shakuntala, I., Malik, S.V.S., Barbuddhe S.B. and Rawool, D.B. (2006). Isolation of <i>Listeria monocytogenes</i> from buffaloes with reproductive disorders and its confirmation by polymerase chain reaction. <i>Veterinary Microbiology</i> , 117 (2-4): 229-234.
55.	Rekha V.B., Malik S.V.S., Chaudhari S. P. and Barbuddhe S.B.* . (2006). Listeriolysin O-based diagnosis of <i>Listeria monocytogenes</i> infection in experimentally and naturally infected goats. <i>Small Ruminant Research</i> 66 : 70-75.
56.	Elezebeth, G., Malik S.V.S., Chaudhari S. P. and Barbuddhe S.B.* . (2006). The occurrence of <i>Listeria</i> species and antibodies against listeriolysin-O in naturally infected goats. <i>Small Ruminant</i>

	<i>Research</i> . 67 :173.178.
57.	Rawool, D.B., Malik, S.V.S., Shakuntala, I., Sahare, A.M. and Barbuddhe S.B* . (2007). Detection of multiple virulence associated genes in pathogenic <i>Listeria monocytogenes</i> from bovines with mastitis. <i>International Journal of Food Microbiology</i> . 113 (2): 201-207.
58.	Jallewar, P.K., Kalorey D.R., Kurkure, N.V., Pande, V.V. and Barbuddhe S.B. (2007). Genotypic characterization of <i>Listeria</i> spp. isolated from fresh water fish. <i>International Journal of Food Microbiology</i> . 114 (2): 120-123.
59.	Kalorey, D.R., Kurkure, N.V., Warke, S. R. and Barbuddhe, S.B* . (2007). Evaluation of indirect and avidin-biotin enzyme linked immunosorbent assays for detection of anti-listeriolysin O antibodies in bovine milk samples. <i>Zoonoses and Public Health</i> 54 :301-306.
60.	Kaur, S., Malik, S.V.S., Vaidya, V.M. and Barbuddhe, S.B* . (2007). <i>Listeria monocytogenes</i> in spontaneous abortions in humans and its detection by multiplex PCR. <i>Journal of Applied Microbiology</i> 103 :1889-1896.
61.	Kalorey D.R., Kurkure, N.V., Warke, S. R., Rawool, D.B. and Barbuddhe, S.B* . (2007). <i>Listeria</i> species in bovine raw milk: a large survey of Central India. <i>Food control</i> , 19 :109-112.
62.	Shakuntala, I., Malik, S.V.S., Barbuddhe, S.B* . and Rawool, D.B. (2007). Isolation of <i>Listeria monocytogenes</i> from buffaloes with reproductive disorders and their serological profile against listeriolysin-O. <i>Indian Journal of Animal Sciences</i> . 77 (2): 11-14.
63.	Parihar, V.S., Barbuddhe, S.B* , Danielsson-Tham, M.L. and Tham W. (2008). Isolation and characterization of <i>Listeria</i> species from tropical seafood. <i>Food Control</i> 19 :566-569.
64.	Barbuddhe, S.B. , Maier, T., Schwarz, G., Kostrzewa, M., Domann, E., Chakraborty, T. and Hain, T*. (2008). Rapid identification and typing of <i>Listeria</i> species using matrix assisted laser desorption ionization-time of flight mass spectrometry. <i>Applied and Environmental Microbiology</i> 74 (17): 5402-5407.
65.	Aurora, R., Prakash, A., Prakash, S., Rawool, D.B. and Barbuddhe, S.B. (2008). Comparison of PI-PLC based assays and PCR along with <i>in-vivo</i> pathogenicity tests for rapid detection of pathogenic <i>Listeria monocytogenes</i> . <i>Food control</i> 19 :641-647.
66.	Parihar V.S., Lopez-Valladares G., Danielsson-Tham M L., Peiris I., Helmersson S., Unemo M, Andersson B., Arneborn M., Bannerman E., Barbuddhe S.B , Bille J., Hajdu L., Jacquet C., Johansson C., Löfdahl M., Möllerberg G., Ringberg H., Rocourt J., Tjernberg I., Jan Ursing ⁵ , Henriquez B., Tham W*. (2008). Characterization of Human Isolates of <i>Listeria monocytogenes</i> in Sweden 1986-2007. <i>Foodborne Pathogens and Diseases</i> , 5 :755-61.
67.	Steinweg C, Kuenne C.T., Billion, A., Mraheil, M.A., Domann, E., Ghai, R., Barbuddhe, S.B. , Kärst, U., Goesmann, A., Pühler, A., Weisshaar, B., Wehland, J., Lampidis, R., Kreft, J., Goebel, W., Chakraborty, T. and Hain, T*. (2010). The complete genome sequence of <i>L. seeligeri</i> , a non-pathogenic member of the genus <i>Listeria</i> . <i>Journal of Bacteriology</i> , 192 (5):1473-1474.
68.	Kaur S., Malik S.V.S., Bhilegaonkar K.N., Vaidya V.M. and Barbuddhe S.B* . (2010). Use of a phospholipase-C assay, in vivo pathogenicity assays and PCR in assessing the virulence of <i>Listeria</i> spp. <i>Veterinary Journal</i> , 184 : 366-370
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