International Journal of Current Microbiology and Applied Sciences (IJCMAS) NAAS RATING-5.38, ICV-95.39 ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online) An International, Monthly, Online, Free Access, Peer Reviewed,

Certificate of Publication

Indexed, fast track Scientific Research Journal

This is to certify that the following article reviewed by editorial board and published in International Journal of Current Microbiology and Applied Sciences (IJCMAS) ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online).

Int.J.Curr.Microbiol.App.Sci.2018.7.(1):753-761 https://doi.org/10.20546/ijcmas.2018.701.091

Bio-detection of Mycobacterium avium subspecies paratuberculosis in the Commercial Milk and Milk Products Sold in Bhubaneswar, Odisha, India

Sangram Biswal¹, Shaswati Subhadarsini Pany²*, Shoor Vir Singh³, Niranjana Sahoo¹, Manju Singh³, Sourabh Gupta³ and Kundan Kumar Chaubey³

¹Department of Veterinary Epidemiology and Preventive Medicine, College of Veterinary Science and Animal Husbandry, O.U.A.T., Bhubaneswar, Odisha, India

²ICAR-International Centre for Foot and Mouth Disease, Arugul, Bhubaneswar-752050, Odisha, India

³Microbiology Laboratory, Animal Health Division, Central Institute for Research on Goats, Makhdoom, PO- Farah, Mathura, India

Dr.M.Prakash



Editor-in-chief International Journal of Current Microbiology and Applied Sciences www.ijcmas.com www.excellentpublishers.com

© International Journal of Current Microbiology and Applied Sciences (IJCMAS) www.excellentpublishers.com www.ijcmas.com