

**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,
Indexed, fast track Scientific Research Journal**

Certificate of Publication

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.(9):1076-1084

<https://doi.org/10.20546/ijcmas.2018.709.128>

Minimization of Apoptosis like Changes Developed during Cryopreservation of Buffalo Bull Sperm by Supplementing Z-LEHD-FMK (Caspase Inhibitor)

Jasmer Dalal^{1*}, Ajeet Kumar², M. Honparkhe², A.K. Singh² and P.S. Brar²

¹Department of Veterinary Gynaecology and Obstetrics, Lala Lajpat University of Veterinary and Animal University, Hisar-125004, Haryana, India

²Department of Veterinary Gynaecology and Obstetrics, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana-141 004, Punjab, 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