

**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.2019.8.(12):1325-1335

<https://doi.org/10.20546/ijcmas.2019.812.161>

Expression of Efflux Pump Activity in Multidrug Resistant (MDR) *E. coli* isolates by Cartwheel Method

Thakur Datt^{1*}, Shyama Datt¹, Iqbal Singh², Simrita Singh³ and N. P. Singh^{1*}

¹Department of Microbiology, ²Department of Surgery, University College of Medical Sciences and Guru Teg Bahadur Hospital, Delhi -110095, India

³NCDC, 22-Shamnath Marg, Delhi -110054, 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