

**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.2020.9.(1):1327-1338

<https://doi.org/10.20546/ijcmas.2020.901.147>

Detection of Various  $\beta$ -Lactamases and their Co-production by Novel Disc Placement method among Gram Negative Bacilli isolates from patients with Spontaneous Bacterial Peritonitis

Kunal Bansal<sup>1</sup>, Ritu Aggarwal<sup>2\*</sup>, H K Aggarwal<sup>3</sup>, Aparna Yadav<sup>4</sup>,  
Priyanka Yadav<sup>1</sup> and Priyanka Bansal<sup>5</sup>

<sup>1</sup>HCMS-I, Rohtak, Haryana, India

<sup>2</sup>Department of Microbiology, Rohtak, Haryana, India

<sup>3</sup>Department of Medicine, Rohtak, Haryana, India

<sup>4</sup>Department of Microbiology, Rohtak, Haryana, India

<sup>5</sup>Department of Anaesthesiology & Critical care, Rohtak, Haryana, India  
PGIMS, Rohtak, Haryana, India

*Dr. M. Prakash*  
*Editor-in-chief*

*International Journal of Current Microbiology and Applied Sciences*

[www.ijcmas.com](http://www.ijcmas.com)

[www.excellentpublishers.com](http://www.excellentpublishers.com)



© International Journal of Current Microbiology and Applied  
Sciences (IJCMAS)

[www.excellentpublishers.com](http://www.excellentpublishers.com) [www.ijcmas.com](http://www.ijcmas.com)