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

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.2022.11.(7):108-116 https://doi.org/10.20546/ijcmas.2022.1107.012

Phenotypic and Genotypic Characterisation of ESBL Producing and Carbapenem-resistant *Escherichia coli* and *Salmonella* spp. in Japanese Quail Farms of Wayanad District

Hema Persis Andrews<sup>2\*</sup>, K. Asha<sup>2</sup>, Prejit<sup>1, 2</sup>, Jess Vergis<sup>1, 2</sup>, R. Rajasekhar<sup>3</sup>, Hamna Hakim<sup>2</sup>, N. Suma<sup>2</sup> and K. L. Akarsh

Kerala Veterinary and Animal Sciences University, Pookode, Wayanad-673576, 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

<sup>&</sup>lt;sup>1</sup>Centre for One Health Education, Advocacy, Research and Training, India

<sup>&</sup>lt;sup>2</sup>Department of Veterinary Public Health, CV&AS, Pookode, India

<sup>&</sup>lt;sup>3</sup>Department of Veterinary Microbiology, CV&AS, Pookode, India