

**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.2017.6.(2):1902-1907

<http://dx.doi.org/10.20546/ijcmas.2017.602.215>

GyrA Mutations in Nosocomial Ciprofloxacin-Resistant *Escherichia coli* Isolates Associated with Urinary Tract Infections

Rasha H. El-Mahdy¹, Mohammed A. Saleh^{2*} and Aalaa Aboelnour³

¹Department of Medical Microbiology and Immunology, Faculty of Medicine, Mansoura University, Egypt ²Department of Medical Microbiology and Immunology, Faculty of Medicine, Al-Azhar University, New Damietta, Egypt ³Department of Clinical Pathology, Faculty of Medicine, Mansoura University, Egypt



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