

**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.(10):3705-3714

<https://doi.org/10.20546/ijcmas.2020.910.427>

The Effect of Direct Acting Antivirals on Portal Hemodynamics in Patients with Post Hepatitis C Cirrhosis: Doppler Study

Amira Shaaban Soliman<sup>1\*</sup>, Fathia El sayed Asal<sup>1</sup>, Sahar Abdel Tawab El yamani<sup>1</sup>, Amr Mohamed Tawfik Elbadry<sup>2</sup>, Nehad Ibrahim Hawash<sup>1</sup> and Mahmoud Anees Khedr<sup>1</sup>

<sup>1</sup>Department of Tropical Medicine and Infectious Diseases, Faculty of Medicine, Tanta University, Tanta, Egypt

<sup>2</sup>Department of Radiodiagnosis, Faculty of Medicine, Tanta University, Tanta, Egypt



*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)