





# **JOURNAL of MICROBIOLOGY and INFECTIOUS DISEASES**

**pISSN 2146-3158  
eISSN 2146-9369**

**Volume 10**

**Issue 04**

**December 2020**

Publishes four times a year

**Association of Health Investigations**

**Abbreviation for citation:  
J Microbiol Infect Dis**

**Open Access: [www.jmidonline.org](http://www.jmidonline.org)**



# JOURNAL of MICROBIOLOGY and INFECTIOUS DISEASES

Print ISSN 2146-3158  
Online ISSN 2146-9369

## ***Editor-in-Chief***

Prof. Dr. Salih Hoşoğlu, MD, PhD, Istanbul, Turkey

### **Managing Editors**

#### **1-Edmond Puca, Dr, PhD**

Infectiolog, University Health Center Mother Teresa, Tirana-Albania  
E-mail: edmond\_puca@yahoo.com

#### **2-Abdul Haque, PhD (Japan)**

Professor of Pathology (Microbiology), Director, Postgraduate Research/ORIC, University Medical and Dental College, University of Faisalabad, Faisalabad, Pakistan Adjunct Professor, QAU and PIEAS University, Islamabad, Pakistan  
E-mail: ahaqribge@gmail.com

#### **3- Tahir Hussain, PhD**

Assistant Professor, Department of Microbiology, Abdul Wali Khan University Mardan, Pakistan  
E-mail: tahirhussain@awkum.edu.pk

#### **4- Kanita Dedic, MD**

Medical Microbiology and Parasitology Specialist, Head of Microbiology, Department, Cantonal Hospital "Dr. Irfan Ljubijankic", Bihac, Bosnia and Herzegovina E-mail: qanitab@yahoo.com

#### **5-Ejaz A. Khan, MD**

Department of Pediatrics, Shifa International Hospital, Islamabad, Pakistan  
E-mail: ejazkhan99@hotmail.com

### **Editorial Board**

**Abdul Gafur**, Chennai, India

**Abu Sayem**, Dhaka, Bangladesh

**Amra Adrovic**, Sarajevo, Bosnia & Herzegovina

**Aukse Mickiene**, Kaunas, Lithuania

**Ayesha B. M. Kharsany**, South Africa

**Bojana Beovic**, Ljubljana, Slovenia

**Biljana Carevic**, Belgrade, Serbia

**Ejaz Khan**, Islamabad, Pakistan

**Gamil Sayed**, Cairo, Egypt

**Hanan Balky**, Riyadh, Saudi Arabia

**Jakhongir Alidjanov**, Tashkent, Uzbekistan

**Michael L. Tapper**, New York, USA

**Mira Niyazalieva**, Bishkek, Kyrgyzstan

**Nagwa Khamis**, Cairo, Egypt

**Norhan K Abd El-Aziz**, Zagazig, Sharkia, Egypt

**Omar Bagasra**, Orangeburg, SC, USA

**Padman Jayaratne**, Hamilton, ON, Canada

**Ramin Bayramov**, Baku, Azerbaijan

**Regine Hakenbeck**, Kaiserslautern, Germany

**Sead Ahmetagic**, Tuzla, Bosnia & Herzegovina

**Shahana Urooj Kazmi**, Karachi, Pakistan

**Shaheen Mehtar**, Cape Town, South Africa

**Souha S. Kanj, Beirut, Lebanon**

**Tebit Kwenti Emmanuel**, Buea, Cameroon

**Vincent T.K. Chow**, Singapore

**Yasmin A. Malik**, Kuala Lumpur, Malaysia

**Contact Person:** Prof. Dr. Salih Hoşoğlu, İstanbul - Turkey

Email: [jmid@jmidonline.org](mailto:jmid@jmidonline.org)

Web Address: [www.jmidonline.org](http://www.jmidonline.org)

Journal of Microbiology and Infectious Diseases (JMID) is a peer-reviewed medical journal and published four times a year (March, June, September and December)

JMID is indexed/abstracted in EBSCO, DOAJ, CrossRef, Index Copernicus, Google Scholar and Turk Medline

Copyright © Journal of Microbiology and Infectious Diseases 2020, All rights reserved

Publishing Date: September 2020

## **INSTRUCTIONS FOR AUTHORS**

All manuscripts should be prepared as appropriate for Uniform Requirements for manuscripts submitted to Biomedical Journals (<http://www.icmje.org/>). All submitted manuscripts must be contributed solely to Journal of Microbiology and Infectious Diseases not be under consideration for publication elsewhere. A copyright transfer statement must be signed by all authors and accompany each submission.

### **Ethical Considerations**

Manuscripts submitted for publication must contain a statement indicated that all prospective human studies have been approved by the ethics Committee, have therefore been performed in accordance with the ethical standards of 2008 Declaration of Helsinki. It should also be clearly stated that all persons gave informed consent prior to their inclusion in the study. Studies involving animals must have the animal ethics committee approval and be conducted in accordance with the care and use of laboratory animals standards.

### **Copyright agreement**

All submitted materials become the property of Journal of Microbiology and Infectious Diseases. If a submission is accepted for publication, authors will sign a copyright transfer agreement. Copyright transfer agreement signed by all authors can be send to the Journal through email in a PDF file or via fax. Transfer agreement form should be sent to Publication office just after the acceptance of the manuscript. The publisher reserves the copyright. Materials published in Journal of Microbiology and Infectious Diseases may not be reproduced or

published elsewhere without written permission of the Publisher.

### **Manuscript preparation**

Manuscripts should be arranged in the following order; Title page, Abstracts, Key words, Introduction, Materials and Methods, Results, Discussion, Acknowledgements, References, Tables, Figure Legends, Figures. All of these sections should run consecutively. The use of subheads is encouraged. Journal of Microbiology and Infectious Diseases will consider the publication of manuscripts dealing with clinical or laboratory investigations, including original investigations, case reports, invited reviews and letter to editors in the broad field of Medicine. Animal or in vitro research will also be considered. All manuscripts are subjected to peer-review. Manuscripts should be written in English.

**Title page:** The title page should not contain abbreviations. The title page should contain the full names and affiliations of all authors and complete contact information (including address, phone number, fax number, email) of the corresponding author.

**Abstract:** An abstract of no more than 250 words in length, describing the aims, the results that were obtained from presented data and the conclusions. Abstract should be written in a structured manner including Objectives, Materials and methods, Results and Conclusions subheadings.

**Key words:** Up to five key words should be supplied following the abstract. The key words should reflect the central topic of the article and should be in compatible with Medical Subject Headings (MeSH).

## **INSTRUCTIONS FOR AUTHORS cont.**

**References:** References should be numbered consecutively in order of their appearance in the text and listed in numerical order. Journal titles should be abbreviated according to Index Medicus. The name of all authors should be written in the References, if six or fewer authors exist, and the first three authors and et al. should be given if the number of authors exceeds six. References with correct punctuation should be as follows:

### ***Journals***

- Anderson NJ, Abbott GD, Mogridge N, Allan RB, Maling TM, Wells E. Vesicoureteric reflux in the newborn: relationship to fetal renal pelvic diameter. *Pediatr Nephrol* 1997; 11:610-616.
- Dunne FP, Elliot P, Gammage MD, et al. Cardiovascular function and glucocorticoid replacement in patients with hypopituitarism. *Clin Endocrinol* 1995; 43:629-632.

### ***Books***

- Hatch DJ, Sumner E, Hellman J. *The Surgical Neonate: Anaesthesia and Intensive Care*, 3rd edn. London: Edward Arnold, 1994:120-5.

### ***Chapter in a book:***

- Motoyama EK. Respiratory physiology in infants and children. In: Motoyama EK, Davis PJ, eds. *Smith's Anesthesia for Infants and Children*, 5<sup>th</sup> edn. St. Louis: C.V. Mosby, 1990:11-76.

A paper published online but not (yet) in print can be cited using the Digital Object Identifier (DOI).

### **Tables and illustrations**

Tables must be self-explanatory and must not duplicate information in the text. Each table must have a title and should be numbered in order of appearance in the

text. Any symbol and abbreviations used in the table body must be defined in a footnote to the table. All figures and pictures should be sent in JPG (or JPEG) file format as separate files. Front page, Abstract, Main text, References and Tables should be incorporated in one document file and submitted as a single file. Pictures and figures should be submitted as separate files for each picture and figure. All manuscripts should be submitted by online submission at using login Author Pathway / Online Submission at [www.jmidonline.org](http://www.jmidonline.org)

## Journal of Microbiology and Infectious Diseases Copyright Transfer Agreement

The author(s) hereby affirms that the manuscript entitled: .....  
..... to be published in **the Journal of Microbiology and Infectious Diseases** is original, that all statements as facts are based on author(s) investigation and research, that the manuscript does not, in whole or in part, violate any copyright or any law of privacy or other personal or property right. The manuscript has not been published elsewhere in total or in part; is not being submitted and/or considered for publication in total or in part elsewhere; and that the author(s) has full authority to enter into this copyright agreement and to make the grants contained herein. In signing this form, each author acknowledges that he/she participated in the work in a substantive way and is prepared to take public responsibility for the work. Please sign in the same order in which the authors' names appear on the title page of manuscript.

Author's name .....Signature..... Date: .....

Author's name .....Signature..... Date: .....

Author's name .....Signature..... Date: .....

Author's name .....Signature..... Date: .....

Author's name .....Signature..... Date: .....

Author's name .....Signature..... Date: .....

Author's name .....Signature..... Date: .....

Author's name .....Signature..... Date: .....



## CONTENTS

---

### RESEARCH ARTICLE

#### **Global Analysis of COVID-19 Clinical Related Trials**

Muthusami Rathinasamy, Saritha Kandhasamy ..... 183-187

#### **The Utility of Social Media during an Emerging Infectious Diseases Crisis: A Systematic Review of Literature**

Amit Agrawal, Ankita Gupta ..... 188-198

#### **Deficiency in Fat-soluble Vitamins A, D, E in Patients with Pulmonary Multidrug-Resistant Tuberculosis**

Lydie Boyvin, Bahi Gnogbo Alexis, Yayé Yapi Guillaume, Séri Kipré Laurent, Aké Aya Jeanne Armande, Djaman Allico Joseph ..... 199-207

#### **Acute Diarrhea in Children Less than Five Years of Age: Epidemiology of Bacterial Pathogens**

Florence Salvatory Kalabamu, Pauline Lukumo Mpongo, Esther Mwaikambo ..... 208-214

#### **Molecular insights of melioidosis causing Burkholderia pseudomallei strains in Sri Lanka**

A. W. A. Chathura Wikumpriya Gunasekara, LGTG Rajapaksha ..... 215-221

### CASE REPORT

#### **Plasmid-mediated colistin resistance mcr-1 in a clinical isolate of Escherichia coli ST19 in Algeria**

Selma Bouheraoua, Farida Assaous, Nora Zourdani, Naima Tahrat, H. Tali Maamar ... 222-224

#### **DRESS Syndrome- Uncommon drug reaction with Common disease treatment: A case report**

B. Saroj Kumar Prusty, Majed Abdulbasit Momin, Yugvaveer K Goud, Kiran Kumar Ramineni, Safina Perveen ..... 225-229

#### **Isolation of Eggerthella lenta from A Cutaneous Abscess Formed at Post-trauma Suture Site**

Kavita Vijay Chaudhari, Rakhi Biswas, Meghna C, Sujatha Sistla, Kadambari Dharanipragada, Balasubramanian Krishnan, Akhilesh R ..... 230-233

#### **Post-vaccination Tubercular Cold Abscess of Thigh of An Infant**

Tabindah Jahan, Dr. Nahid Nehvi, Dr. Shariq Farooq ..... 234-236

#### **A Case of Gastroduodenal Strongyloidiasis Causing Protein Losing Enteropathy**

Sandheep Janardhanan, Benoy Sebastian, Mary George, Sunil Mathai, Ashfaq Ahmed, Saji John Varghese ..... 237-239

---