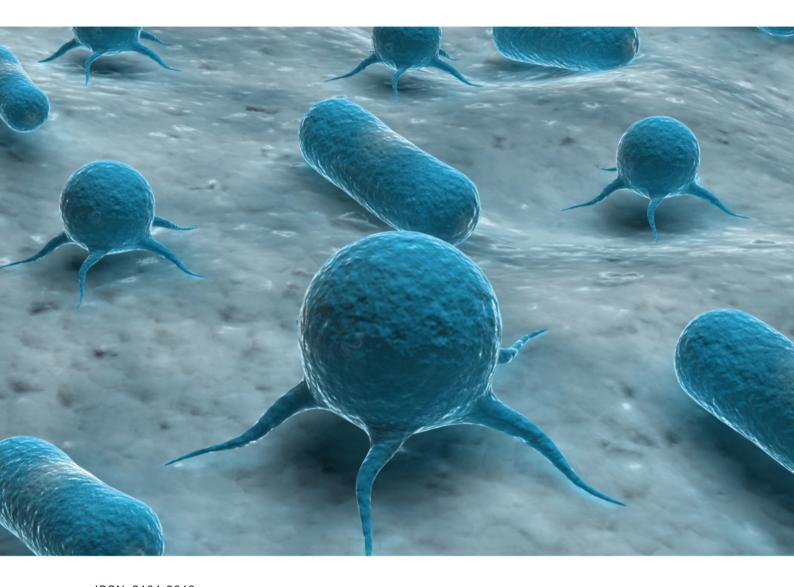


# Advances in Infectious Diseases

Special Issue on Coronavirus Disease 2019 (COVID-19) Research





# **Journal Editorial Board**

ISSN 2164-2648 (Print) ISSN 2164-2656 (Online)

https://www.scirp.org/journal/aid

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

**Prof. Richard L. Gregory** Indiana University, USA

**Associate Editor** 

**Dr. Guozheng Wang** University of Liverpool Institute of Infection and Global Health, UK

**Editorial Board** 

**Dr. Syed Habib Bokhari** Comsats Institute of Information Technology, Pakistan

Prof. Sang Ho Choi Seoul National University, South Korea

Prof. Daniel Y. C. Fung Kansas State University, USA

Prof. Michal Holub Charles University in Prague, Czech Republic

Prof. Zhiyong Hong University of Ottawa, Canada

Dr. Nahed A. G. Al Laham Al Azhar University-Gaza, Palestine

Dr. Francisca Mutapi University of Edinburgh, UK

**Prof. John T. Nwangwu** Southern Connecticut State University, USA

Dr. Giacomo Maria Paganotti University of Rome "La Sapienza", Italy

Dr. Vamsi Parini Northwestern University, USA

**Dr. Zhiqiang Qin** Medical University of South Carolina, USA



ISSN Online: 2164-2656 ISSN Print: 2164-2648

## **Table of Contents**

# Volume 10 Number 3 December 2020 An Approach to Outpatient Screening, Treatment, and Community Health Outreach during the Coronavirus Epidemic in New York City A Cross-Sectional Study on Oyo State Health Care Worker's Knowledge, Attitude and Practice regarding Corona Virus Disease 2019 (COVID-19) O. O. Ayinde, A. B. Usman, A. Posi, A. Gbolahan.....6 The COVID-19 Pandemic: Theories to Therapies Comparison of Whole-Genome Sequences of COVID-19 Strains in Wuhan-China, USA and Spain to Determine Source of Epidemic Preparing for the COVID-19 Mental Health Crisis in Latin America—Using Early Evidence from Countries that Experienced COVID-19 First A. Abad, J. A. da Silva, J. V. Z. das Neves Braga, P. Medeiros, R. L. de Freitas, COVID-19 Patient with Multifocal Pneumonia and Respiratory Difficulty Resolved Quickly: Possible Antiviral and Anti-Inflammatory Benefits of Quercinex (Nebulized Quercetin-NAC) as Adjuvant R. Schettig, T. Sears, M. Klein, R. Tan-Lim, R. Matthias Jr., C. Aussems, M. Hummel, SARS-Cov-2 Delayed Tokyo 2020 Olympics: Very Recent Advances in COVID-19 Detection, Treatment, and Vaccine Development Useful Conducting the Games in 2021 Practical Guideline for Screening the Patients with SARS-CoV-2 Infection and Persian Gulf Criteria for Diagnosis of COVID-19 A Physician Suffering from COVID-19 with Multiple Co-Morbidities Have Delayed Viral Clearance: A Case Report from Bangladesh

Md. R. U. Chowdhury, K. S. Akter, S. I. Bhuiyan, Md. K. R. Khabir, B. C. Das, M. A. Kabir......94



ISSN Online: 2164-2656 ISSN Print: 2164-2648

COVID-19 Disease Complicated with Severe Pneumonia in a Patient with End Stage Renal Disease (ESRD): A Case Report from Bangladesh
Md. R. U. Chowdhury, K. S. Akter, M. Z. Alam, M. A. Kabir, S. I. Bhuiyan, A. Akram, S. Rahman10
Temporal Dynamics in COVID-19 Transmission: Case of Some African Countries
A. A. Turasie
Ten Rules Preventing COVID-19
I. Salehi-Abari, S. Khazaeli12
The Only Way to Eradicate COVID-19 Pandemic from the World
I. Salehi-Abari12
Atypical Presentations of COVID-19
D. Jayasekara, S. L. Seneviratne, A. Jayasekara, I. De Zoysa
Curve Fitting and Least Square Analysis to Extrapolate for the Case of COVID-19 Status in Ethiopia
A. A. Balcha14
Refractory Arterial Hypotension in a Patient with COVID-19: Could the Hypothalamic-Pituitary-Adrenal Axis Be Involved? Case Report and Mini Review
F. E. Finamor, L. P. Finamor, F. J. N. Mancuso, J. S. Ota-Arakaki, M. R. S. Moraes, C. Muccioli, N. Bellei
COVID-19 versus Allergic Rhinitis
I. Salehi-Abari, S. Khazaeli
Biological Disruptive Therapies as Counter Measures for Unpredictable Biological Insults, a Case for Successful Treatment of COVID-19
M. Nezami, V. Yamamoto
Evaluation of Fear and Peritraumatic Distress during COVID-19 Pandemic in Brazil
A. Abad, J. A. da Silva, L. E. P. de Paiva Teixeira, M. Antonelli-Ponti, S. Bastos, C. H. C. Mármora, L. A. M. Campos, S. Paiva, R. L. de Freitas, J. A. da Silva
COVID-19 Vaccine
Z. Shervani, I. Khan, T. Khan, U. Y. Qazi
World's Fastest Supercomputer Picks COVID-19 Drug
Z. Shervani, I. Khan, T. Khan, U. Y. Qazi21
Myocarditis Associated with Coronavirus Disease 2019 (COVID-19) in a Pediatric Patient
F. M. Salvini, V. Giuli, E. F. Stacul, C. Moretti, A. Corato, S. Santacesaria,
G. Vignati, C. De Giacomo22

#### Advances in Infectious Diseases, 2020, 10, 1-255





ISSN Online: 2164-2656 ISSN Print: 2164-2648

tudy on the Global Scenario of COVID-19 Related Case Fatality Rate, Recovery Rate and valence Rate and Its Implications for India—A Record Based Retrospective Cohort Study	
V. K. Ramani, R. Shinduja, K. P. Suresh, R. Naik.	233
A Review on D 614G Mutation with Bangladesh Scenario	
A. Akram, M. J. R. Khan, Md. B. B. Monir, Md. R. U. Chowdhury, M. Yeasmin,	
Md. M. A. Molla, T. Nafisa	249

# Advances in Infectious Diseases (AID) Journal Information

#### SUBSCRIPTIONS

The *Advances in Infectious Diseases* (Online at Scientific Research Publishing, <a href="https://www.scirp.org/">https://www.scirp.org/</a>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: <a href="mailto:sub@scirp.org">sub@scirp.org</a>

#### **SERVICES**

#### Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

#### Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

#### **COPYRIGHT**

#### Copyright and reuse rights for the front matter of the journal:

Copyright © 2020 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

http://creativecommons.org/licenses/by/4.0/

#### Copyright for individual papers of the journal:

Copyright © 2020 by author(s) and Scientific Research Publishing Inc.

#### Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

#### Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

#### PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: aid@scirp.org





# Advances in Infectious Diseases

ISSN 2164-2648 (Print) ISSN 2164-2656 (Online)

https://www.scirp.org/journal/aid

**Advances in Infectious Diseases** is an international journal dedicated to the latest advancement of infectious diseases. The goal of this journal is to provide a platform for researchers and academics all over the world to promote, share, and discuss various new issues and developments in infectious diseases related problems.

#### Editor-in-Chief

Prof. Richard L. Gregory

Indiana University, USA

#### Associate Editor

Dr. Guozheng Wang

University of Liverpool Institute of Infection and Global Health, UK

#### **Editorial Board**

Dr. Syed Habib Bokhari
Prof. Sang Ho Choi
Prof. Daniel Y. C. Fung
Prof. Michal Holub
Prof. Zhiyong Hong
Dr. Nahed A. G. Al Laham
Dr. Francisca Mutapi
Prof. John T. Nwangwu
Dr. Giacomo Maria Paganotti
Dr. Zhiqiang Qin

Comsats Institute of Information Technology, Pakistan Seoul National University, South Korea Kansas State University, USA
Charles University in Prague, Czech Republic University of Ottawa, Canada
Al Azhar University-Gaza, Palestine
University of Edinburgh, UK
Southern Connecticut State University, USA
University of Rome "La Sapienza", Italy
Northwestern University, USA
Medical University of South Carolina, USA

## **Subject Coverage**

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Diarrheal Diseases
- Emerging Infectious Diseases
- Epidemiology and Infection
- Fungal Infection
- Global Infectious Diseases
- Hepatitis B
- HIV/AIDS
- Hospital Infection
- Immunology, Microbiology and Infectious Diseases
- Infection and Chemotherapy
- Infection and Public Health
- Infection Control
- Infection Prevention
- Infection, Genetics and Evolution
- Infectious Agents and Cancer
- Infectious Diseases in Obstetrics and Gynecology

- Lower Respiratory Infections
- Maladies Infectiousness
- Malaria
- Measles
- Meninaitis
- Microbes and Infection
- Ophthalmic Inflammation and Infection
- Pediatric Infectious Diseases
- Pertussis
- Syphilis
- Tétanus
- Transplant Infectious Disease
- Travel Medicine and Infectious Disease
- Tropical Diseases
- Tuberculosis

We are also interested in: 1) Short reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book reviews—Comments and critiques.

#### Website and E-Mail

https://www.scirp.org/journal/aid Email: aid@scirp.org

#### What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

#### What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: https://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org