

# IJCBR

## International Journal of Clinical Biochemistry and Research

**Volume - 8, Issue - 3, Year - 2021 (www.ijcbr.in)**

International Journal of Clinical Biochemistry and Research (IJCBR) open access, peer-reviewed quarterly journal publishing since 2014 and is published under auspices of the Innovative Education and Scientific Research Foundation (IESRF), aim to uplift researchers, scholars, academicians, and professionals in all academic and scientific disciplines. IESRF is dedicated to the transfer of technology and research by publishing scientific journals, research content, providing professional's membership, and conducting conferences, seminars, and award programs.

With more...

### Call for paper

We cordially invite faculty, researchers, and scholars to submission of your valuable contribution to our Upcoming issues. It is a double-blind, peer-review, and Open Access (OA) journal and accepts manuscripts as research papers, review articles, case reports, short communication, etc.

### Manuscript Submission Guidelines

To submit your manuscript, first-time users click the Register button from the submission portal. If you are already a registered user, log in as an author and post your manuscript for further peer-review process. Manuscripts submitted for consideration and inclusion in upcoming issues must follow <https://www.ijcbr.in/info/author> and be submitted by **2025-01-10**.

Submit Manuscript

**Advertisement**



Volume - 8

Issue - 3

Year-2021

## CONTENTS

### Editorial:

---

#### **Effectiveness of CRISPR based tools as alternative methods for diagnosing COVID-19 150-152**

*Shefali Mehta\*, Aditi Mehta*

### Review Article:

---

#### **Next generation sequencing: A promising tool to explore the personalized medicine in understanding the neurodegenerative diseases 153-162**

*Gayatri Gawade\*, Sameer A Chaudhary, Sapana Chaudhary, Sakshi Rawat, Anwar L Bilgrami, Meghana Padwal*

#### **Progression of knowledge in diabetes mellitus and covid-19 163-168**

*VL Asha Latha\**

#### **Zing thing about zinc: A mini review 169-175**

*Rashmi R N, Venkatesha, Wilma Delphine Silvia CR\**

#### **Air pollution: A major threats to sustainable development 176-178**

*Riddima Singh, S Ravichandran\*, R M Madhumitha Sri*

#### **Vitamin D nemesis of COVID-19 179-185**

*Akshaya Sridhar, Monisha Mohan, Kalai Selvi Rajendiran, Priyanka Sekar, Anand Shanker Singh, Selvaraj Nambiar, Ananda Vayaravel Cassinadane\**

### Original Article:

---

#### **Serum magnesium and zinc levels- A predictor of cardiovascular risk in hemodialysis patients 186-189**

*Muruganatham B, Harissh Ganesan, Gunavathi G\*, Manasha Devi*

#### **Oxidative stress in myocardial infarction-does it correlate with the cardiac marker troponin? 190-192**

*Pallavi R\*, Prabha S P, Sumina Cherian, Venugopal K, Geetha A*

#### **Evaluation of vitamin D levels in patients with primary hypothyroidism: A cross-sectional study 193-197**

*Minakshi Kumari\**, *Rajiv Kumar Mahli*, *Sunil Kumar Verma*, *Vinod Kumar*

**Adaptogens as anti-stress agents in reducing increased plasma cortisol level during stress  
198-203**

*Anju\**, *Ashis Kumar Ghosh*

**Estimation of serum levels of magnesium in antenatal women in a tertiary health centre 204-210**

*Vani Axita C\**, *Sherin Stephen*, *Nadasha T*

**Cord serum leptin in infants born to diabetic mothers 211-218**

*K Vani\**, *Pragna B Dolia*

**Study of serum malondialdehyde and uric acid levels in patients with malaria 219-221**

*Shalaka S Prabhu*, *Sachin A Patharkar*, *Neelam J Patil*, *Jalinder B Sanap*,  
*Kalpana U Shinde*, *Rupa R Dalvi*, *Alka V Nerurkar\**

**Prevalence of obesity and its association with stress levels among undergraduate medical students  
222-225**

*T. Sharmila Krishna*, *C Suvarna Devi\**, *M Harini*, *E Venkata Rao*, *R  
Viswakumar*

**Prognostic significance of various biochemical markers in Corona virus disease (COVID)-19: A  
tertiary care hospital study in Kakinada East Godavari district, Andhra Pradesh 226-229**

*G Rajeswari\**, *P Satya Gopal*, *G.B.V.V.S.V Prasad*

**Serum magnesium and uric acid levels in pre-diabetic patients - A case control study 230-233**

*Jeevakumar Ravichandran*, *Muruganantham B*, *Harish G*, *Gunavathi G\**

**OSPE in Biochemistry -A step towards implementation of competency based undergraduate  
curriculum 234-236**

*Syyeda Anees*, *Sheetal Harakuni*, *Ruksana Kausar*

**Gene mutation can be treated in breast cancer by gene therapy 237-238**

*Shaikh Mahmood\**

# Advertisement

**Manuscript**  
Peer-Review Process

Email: support@innovativepublications.com  
editorialoffice@innovativepublications.com  
Support: +91-11-6394914, 61394105 | 9950439448 | 88

About MPRP Journals Support and Training Contact us Track article status Register Login

## Manuscript Peer-Review Process

Manuscript Peer-Review Process is a web-based portal that can be accessed 24\*7 under good internet connection. It is a set of editorial services that allows a user to run a journal efficiently. It includes journal pre-publication services, editorial workflow & post publication services. We provide a high level of flexibility, so you can select the services you need and integrate your existing workflow. It allows smooth flow of all publication functions of an editorial office on a single independent platform, no software installation is required, only requires Username, Password to login in different panels.

MPRP manages all the authors, reviewers, editors' details and its integration with the social and professional network. It is inhouse product of IP Innovative Publication Pvt.Ltd, which is managed and operated by Innovative Publication and currently running with around 50+ Journals.

### Why MPRP?

If your research is ready to share with world, our submission portal will help you with a user-friendly platform to submit your

