

SARS-CoV-2 pandemic viral outbreaks

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Editorial

Journal of Biochemistry and Biotechnology focuses on bringing latest discoveries and inventions of scientists reach every individual around the world being an open access journal.

Journal of Biochemistry and Biotechnology has always been a venue for disclosing the techniques that underpin much of modern biology. Publications in Journal of Biochemistry and Biotechnology include clinical, plant and animal biochemistry, molecular biology, metabolism, bimolecular plant biochemistry, plant molecular biology, microbial and molecular genetics, DNA finger printing, micropropagation, and plant biotechnology, the techniques that would feed into the human and other genome projects-PCR, yeast artificial chromosomes, phage display, cDNA sequencing and DNA microarrays etc.,

Coronavirus (CoV) which are positive-stranded RNA virus surrounded by an envelope, were first identified during the 1960s by using electron microscopy to visualize the distinctive spike glycoprotein projections on the surface of enveloped virus particles. The outbreak of coronavirus has took many lives around the world which made Journal to release special issue on coronavirus and articles such as "A machine learning explanation of incidence inequalities of SARS-CoV-2 across 88 days in 157 countries" by Eric Luellen of United States of America have written impressively in their publication in our Journal of Biochemistry and Biotechnology. Introduction puts the importance of using machine learning to identify models of viral infection modulators holistically and quickly into context during an era of increasingly pandemic zoonoses and their continuation until vaccines availability [1].

While it has been long believed that respiratory viral incidence rates vary by season, the first impression that humidity and temperature were the root-cause modulators has been widely assumed but is still uncertain [2]. Other studies have indicated with more certainty that respiratory viruses are modulated by humidity, temperature, and precipitation. Studies have also found that seasonal viral modulators of incidence may relate to oscillations in human hosts of pathogens [3].

Similarly, it is understood that vaccination rates impact complex models of infectious disease incidence rates [4]. However, for new zoonoses, it is usually unknown which vaccinations for other diseases are protective or increase risks against the new pathogen.

Malnourishment and obesity have been previously found to be associated with risk factors of higher susceptibility to respiratory viruses [5]. Obesity has also been found to be a morbidity and mortality risk for SARS-CoV-2, but not an infection risk factor [6].

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We are pleased to bring you Journal of Biochemistry and Biotechnology's new issue for 2020. Journal of Biochemistry and Biotechnology is the official publication of the Science and Technology. This is the fourth consecutive year that we are publishing a special novel research work and review articles in clinical, plant and animal biochemistry, molecular biology, metabolism, bimolecular plant biochemistry, plant molecular biology, microbial and molecular genetics, DNA finger printing, micropropagation, and plant biotechnology, the techniques that would feed into the human and other genome projects-PCR, yeast artificial chromosomes, phage display, cDNA sequencing and DNA microarrays etc.,

Since the last three year, Journal of Biochemistry and Biotechnology editorial board has around twenty life members selected as representatives who are supporting the development of Journal globally. The double blind peer review process is being maintained from the first issue of the Journal itself which has provided the reader novel and standard research. Assurance for quality is the main motto of Insights in Nutrition and Metabolism Journal which is being practiced for the last three years.

Numerous benefits are being provided for the contributors which include: Online visibility of your publications globally and vast reader base of Allied Academies readers/authors include diversified professional, geographic, economic and educational background enhances the product/service reach

Co editors who have contributed their services have a vast experience and knowledge in nutrition and food technology and bring along considerable credibility to the work published in the issues.

There are also many scholarly reviews in Journal of Biochemistry and Biotechnology issues which highlight a diverse spectrum of acute and chronic diseases that challenge clinical management. Readers can develop an understanding of the advances in nutrition care of patients suffering from a variety of disorders and the value of individualized therapies.

Our focus was and always will be quick turn around time, good quality and being researcher friendly. As we continue to walk the path that we had set our feet on, we would like to thank all our authors, reviewers, editorial board members and readers for the pivotal role that they have played over the years in shaping Journal of Biochemistry and Biotechnology. With continued help and support by the above mentioned, we hope to continue improving and getting better.

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