



an Open Access Journal by MDPI

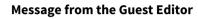
Detection and Assessment of SARS-CoV-2 Variants

Guest Editor:

Dr. Hung-Sheng Shang

Department of Pathology, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

Deadline for manuscript submissions: closed (31 August 2023)



Dear Colleagues,

Since the first severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) variant Alpha was identified in England in late November 2021, mutations in the viral genome can increase transmissibility, facilitate escape from the human immune system, and/or alter biologically important phenotypes. The SARS-CoV-2 variants are classified as variants being monitored (VBMs), variants of interest (VOIs), variants of concern (VOCs), and variants of high consequence (VOHCs). There are two currently circulating SARS-CoV-2 VOCs (Delta and Omicron), and three previously circulating VOCs (Alpha, Beta, and Gamma) in a way that confers a fitness advantage to the virus.

Previous studies have pointed out that viral genomic mutations leading to new variants of SARS-CoV-2 are a real challenge in tackling the global coronavirus disease (COVID-19). Understanding SARS-CoV-2 variants remains an issue of concern for all local government authorities and are critical for establishing and implementing effective public health measures.

This Special Issue will cover all related areas, such as diagnostic applications, VOC pathogen detection, biomarker monitoring, and others of concern.

Specialsue



mdpi.com/si/127728





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical Physiology, Nuclear Medicine & PET National University Hospital, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, DK-2100 Copenhagen, Denmark

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases. **Journal Rank:** JCR - Q2 (*Medicine, General & Internal*)

Contact Us

Diagnostics Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/diagnostics diagnostics@mdpi.com X@diagnostic_mdpi