

¹African Researcher in the face of COVID 19 Pandemic

It is heart-warming rolling out this second edition of this Year's 2020 Volume of the African Journal of Medical Physics, Biomedical Engineering and Sciences (AJMBS) in spite of the crippling challenges posed by COVID-19. As of now, the pandemic has infected more than 8 million persons and claimed over 400, 000 lives across the globe since its first appearance at China in December, 2019.

Coronavirus disease (COVID-19), caused by the novel coronavirus also referred to as SAR –CoV 2, which stands for severe acute respiratory syndrome coronavirus 2, is a highly communicable respiratory disease. The symptoms could be mild, ranging from fever, dry cough, and tiredness to sore throat, loss of taste and smell and this occurs in a larger percentage of cases, judging from data presented from different sources across the globe. However, it could become virulent depending on many factors including underlying health conditions, in which case, it could lead to complications like pneumonia and attendant respiratory distress, or/and affecting major organs like heart, liver and kidney and leading to single or multiple organ failures and death, if not checked on time.

The disease spreads from person to person through infected droplets that are projected during sneezing or coughing. It can also be transmitted when humans have contact with hands or surfaces that contain the virus and touch their eyes, nose, or mouth with the contaminated hands.

At the moment, there are no specific vaccines or treatments for COVID-19, although scientists all over the world have been working hard to come up with exact vaccines and treatment. Prevention has been the major tactics for combating the spread of

the disease while treatment has relied solely on palliative and treatment of clinical symptoms.

The negative impact of COVID-19, has extended its tentacles to practically every domain of knowledge and other human activities all over the world. A recent survey by The Science Advisory Board shows that the pandemic has paralyzed researches in health sciences, and conferences and has put to a near halt all laboratory activities and supplies. The adverse consequences on human health,

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It is against this backdrop that I congratulate our contributors and reviewers who stood their ground to get this volume out at the stipulated time in spite of the numerous challenges, particularly the 'lockdowns'. This edition: *Afr J Med Phy, Biomed Eng & Sc, Vol. 7 No. 2. June 2020*, contains rich and high-rated, original research articles, on medical physics, biomedical engineering and sciences. It is hopeful that most

of them will be very useful in the search for the management, treatment and control of COVID-19, and other related public health issues in Africa and beyond. In fact this edition is dedicated to COVID-19 Pandemic.

Lastly, I acknowledge with great excitement, the commitment of the Editors-in-chief and members of the Board of Editors for their doggedness in sustaining the Journal since its inception in 2009.

Thank you all!

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