

Editorial

N Venkataraman*

Principal Consultant, Fides Global pte Ltd., Singapore

***Corresponding Author:** N Venkataraman, Principal Consultant, Fides Global pte Ltd., Singapore.

Received: January 20, 2022; **Published:** January 31, 2022

The period between 1850 and 1915 known as the Golden Age of Microbiology is possibly returning to 2020s. Information Technology had its beginning of upward growth from 1990s and Growth of Social media increased tremendously in the decade of 2010 and both still continues to grow.

Currently and in the post coronavirus era, there is a wide scope in the field of microbiology due to the advancement in the field of science, informatics, technology and the need for research on newly deadly disease-causing microorganisms.

Artificial intelligence (AI) is increasingly becoming an important component in every sphere including microbiology. Databases play an increasingly important role in microbiology. They archive, store, maintain, and share information on genes, genomes, expression data, protein sequences and structures, metabolites and reactions, interactions, and pathways. Application of Internet of things (IOT) is increasing. Healthcare sector has started to use AI to its advantages. Use of predictive analysis has provided great results in the microbial behaviour in food systems, as it combines the domains of microbiology, engineering and statistics.

All around the globe, there are microbiologists making a huge difference to our lives – ensuring our food is safe, treating and preventing disease, developing green technologies or tracking the role of microbes in climate change.

Adopt, Adept, Adapt and Innovate by utilising the domains of microbiology, engineering, statistics, IOT and AI, Microbiology is all set to dominate this decade.

Volume 1 Issue 2 March 2022

© All rights are reserved by N Venkataraman.