

# Perception Regarding Applied Microbiology

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## EDITORIAL NOTE

I am delighted to introduce Journal Applied Microbiology Open Access (AMOA), one of the journal from the publisher in the area of microbes that are present everywhere.

The objective of AMOA is to publish up-to-date, high-quality and original research papers along with the relevant and insightful reviews. As such, the journal aspires to be vibrant, engaging and accessible, and at the same time integrative and challenging. Each issue of the journal will contain four types of papers. The first, Research articles, will provide complete information where research is done on an issue in a specified region. The second, Reviews article which provide a critical and concise yet comprehensive and contemporary review of a particular theme specific to related to the microbes and fields related to microbiology. The third and final type of paper, Editorial note and short commentary Papers, will be more related to editorial board members of journal and short paper on the earlier papers that are published. All these type of papers are invited by the associative managing editors. All types of papers, however, will be subject to the journal's peer review process.

Microbiology typically includes the study of the immune system, or immunology. Generally, immune systems interact with pathogenic microbes; these two disciplines often intersect which is why many colleges offer a paired degree such as "Microbiology and Immunology". applied microbiology is better.

The scope of Microbiology is huge because of the involvement of microbiology in various fields such as Pharmacy, Medicine,

clinical research, agriculture, dairy industry, water industry, nanotechnology & chemical technology. Who are Microbiologists? A person who specializes in this field is called as "Microbiologists".

Eukaryotic microorganisms possess membrane-bound organelles and include fungi and protists, whereas prokaryotic organisms—all of which are microorganisms—are conventionally classified as lacking membrane-bound organelles and include Bacteria and Archaea. Microbiologists traditionally relied on culture, staining, and microscopy. However, less than 1% of the microorganisms present in common environments can be cultured in isolation using current means. Microbiologists often rely on molecular biology tools such as DNA sequence based identification, for example the 16S rRNA gene sequence used for bacteria identification.

Viruses have been variably classified as organisms, as they have been considered either as very simple microorganisms or very complex molecules. Prions, never considered as microorganisms, have been investigated by virologists, however, as the clinical effects traced to them were originally presumed due to chronic viral infections, and virologists took search—discovering "infectious proteins".

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