



## Plant's Defense against Pathogens

Guest Editor:

### Dr. Scala Valeria

Research Centre for Plant  
Protection and Certification,  
Council for Agricultural Research  
and Economics (CREA), 00156  
Roma, Italy

Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editor

Plants make up the majority of the earth's living environment. Directly or indirectly plants make up all the food on which we depend. The pathogenic microorganism (virus, bacteria, fungi, protozoa and nematodes) and insect attack cause disease in plants. Currently, many studies increase our knowledge about the mechanism by which these factors induce disease in plants and plants defenses. Therefore, the main subject of this Special Issue includes any study to improve our knowledge in plants defense against pathogens in any environments, agriculture, natural environments, etc. In addition, manuscripts concerning other plants defense areas of interest are welcome:

1. Plant-pathogen interaction and evolution.
2. Fungal host resistance, virulence, transmission - host interaction and evolution.
3. Plant disease control.
4. Bacterial host resistance, virulence, transmission - host interaction and evolution.
5. virus host resistance, virulence, transmission -host interaction and evolution
6. Specific pathogen detection methods.
7. Plant defense against pathogens





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Nicholas Dixon

School of Chemistry and  
Molecular Bioscience, University  
of Wollongong, Wollongong, NSW  
2522, Australia

## Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

## 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, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Pharmacology & Pharmacy*) / CiteScore - Q1  
(*General Pharmacology, Toxicology and Pharmaceutics*)

## Contact Us

*Antibiotics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/antibiotics](http://mdpi.com/journal/antibiotics)  
[antibiotics@mdpi.com](mailto:antibiotics@mdpi.com)  
[X@antibioticsmdpi](https://twitter.com/antibioticsmdpi)