

## Special Issue

# Advanced Computational Techniques for Plant Disease Detection

### Message from the Guest Editors

In the realm of agriculture, the timely detection of plant diseases is crucial for ensuring crop health and productivity. With the advent of digital technology, advanced computational techniques have emerged as powerful tools in this endeavor. These techniques leverage cutting-edge algorithms and machine learning models that can be used to analyze vast amounts of data, from high-resolution images to environmental sensors, as well as identify patterns and anomalies indicative of disease. The integration of these advanced computational techniques with traditional agricultural practices has led to smarter, more efficient, and sustainable farming practices. As research continues to advance, the potential for the early detection, prevention, and management of plant diseases will only grow, ultimately benefiting global food supply and the environment.

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## Applied Sciences

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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