Molecular Plant Immunity

Plants are equipped with a sophisticated immune system that allows for the recognition and defense against disease and infection. The pathogens that plants face are constantly evolving and developing new strategies to circumvent immune responses. Increased demands on plants as a source of both food and energy necessitate a better understanding of the molecular mechanisms that allow plants to ward off pathogens and flourish in their environments. *Molecular Plant Immunity* provides comprehensive coverage of the molecular basis of plant disease resistance.

Molecular Plant Immunity looks at plant immune responses at a molecular level to provide readers with a foundational understanding of the cellular processes that allow plants to fight pathogens and disease. Chapters look at the various roles played by receptors, resistance proteins, effector proteins, and plant hormones in immune response. Coverage also extends to plant-viral interactions and closes with a chapter looking forward at the prospects of genetic-engineering efforts to increase plant immunity.

Molecular Plant Immunity collects the latest research into a cohesive and broad-ranging review of the plant immune processes and will provide readers with a deeper understanding of how plants combat pathogens and are able to thrive in complex environments. This book will be an essential resource for plant biologists, pathologists, virologists, plant biotechnologists, and crop scientists.

Editor
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