



## Plant-Pathogen Interactions

By Birch, Paul / Jones, John

Condition: New. Publisher/Verlag: Springer, Berlin | Methods and Protocols | Plant-Pathogen Interactions: Methods and Protocols, Second Edition expands upon the first edition with current, detailed protocols for the study of plant pathogen genome sequences. It contains new chapters on techniques to help identify and characterize effectors and to study their impacts on host immunity and their roles in pathogen biology. Additional chapters focus on protocols to identify avirulence and resistance genes, investigate the roles of effector targets and other defence-associated proteins in plant immunity. Written in the highly successful Methods in Molecular Biology series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols and tips on troubleshooting and avoiding known pitfalls. Authoritative and cutting-edge, Plant-Pathogen Interactions: Methods and Protocols, Second Edition seeks to aid scientists in the further study of plant immunity. | Part 1: Bioinformatics1. Galaxy as a Platform for Identifying Candidate Pathogen Effectors Peter J. A. Cock and Leighton Pritchard2. Bioinformatic analysis of expression data to identify effector candidates Adam J. Reid and John T. Jones3. Two-dimensional data binning for the analysis of genome architecture in filamentous plant pathogens and other eukaryotes Diane G.O. Saunders, Joe Win, Sophien Kamoun, and Sylvain...



**READ ONLINE**  
[ 7.36 MB ]

### Reviews

*This created pdf is excellent. This is for anyone who statte that there had not been a really worth reading through. Your life span will probably be transform as soon as you total looking over this publication.*

-- Prof. Esteban Wuckert

*This is basically the very best book i have read right up until now. It is definitely simplistic but excitement in the 50 % from the ebook. Your daily life period will likely be transform as soon as you total reading this article pdf.*

-- Prof. Ambrose Pollich DDS