



Virulence and Gene Regulation

By Ramos, Juan-Luis

Book Condition: New. Publisher/Verlag: Springer, Berlin | Pseudomonas comprises three volumes covering the biology of pseudomonads in a wide context, including the niches they inhabit, the taxonomic relations among members of this group, the molecular biology of gene expression in different niches and under different environmental conditions, the analysis of virulence traits in plants, animals and human pathogens as well as the determinants that make some strains useful for biotechnological applications and promotion of plant growth. There has been growing interest in pseudomonads and a particular urge to understand the biology underlying the complex metabolism of these ubiquitous microbes. These bacteria are capable of colonizing a wide range of niches, including the soil, the plant rhizosphere and phyllosphere, and animal tissues; more recently they have attracted attention because of their capacity to form biofilms, a characteristic with potentially important medical and environmental implications. The three volumes cover the following topics: - Taxonomy, - Genomics, - Life styles, - Cell Architecture, - Virulence, - Regulation, - Macromolecules, - Alternative Respiratory Substrates, - Catabolism and Biotransformations. Pseudomonas will be of use to all researchers working on these bacteria, particularly those studying microbiology, plant crops, pathogenesis, and chemical engineering. Advanced students in biology,...



READ ONLINE
[8.33 MB]

Reviews

The publication is easy in read through safer to comprehend. It is actually loaded with wisdom and knowledge Its been printed in an extremely simple way and is particularly simply right after i finished reading through this pdf where actually modified me, affect the way i believe.

-- **Ms. Clementina Cole V**

This is the very best publication i have got read until now. It is definitely simplified but shocks within the fifty percent of the pdf. You may like how the article writer create this pdf.

-- **Rosario Durgan**