1. Record Nr. UNINA9910830873903321

Titolo	Pseudomonas [[electronic resource]] : model organism, pathogen, cell factory / / edited by Bernd H.A. Rehm
Pubbl/distr/stampa	Weinheim ; ; Chichester, : Wiley-VCH, 2008
ISBN	1-282-37224-6 9786612372247 3-527-62200-4 3-527-62201-2
Descrizione fisica	1 online resource (426 p.)
Altri autori (Persone)	RehmBernd
Disciplina	579.332
Soggetti	Pseudomonas Pseudomonadaceae
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Pseudomonas; Contents; Preface; List of Contributors; 1 Comparative Genomics of Pseudomonas; 1.1 Introduction; 1.1.1 Other Species of Pseudomonas; 1.1.2 Obtaining Sequence Data on Pseudomonas; 1.2 Pan/Core Genome of Pseudomonas; 1.3 Phylogeny of Pseudomonas; 1.4 Blast Atlas of Pseudomonas Genomes; 1.4.1 Region 5 243 000-5 361 000; 1.4.2 Region 713 000-785 000; 1.5 Functional Categories; 1.6 Codon Usage and Expression; 1.7 Future Outlook; References; 2 Clinical Relevance of Pseudomonas aeruginosa: A Master of Adaptation and Survival Strategies; 2.1 Introduction; 2.2 CF 2.3 Survival of P. aeruginosa by Adaptation to the Inflammatory Defense System2.4 Conductive and the Respiratory Zones of the Lungs; 2.5 Survival of P. aeruginosa by Adaptation to the Respiratory Zone of the Lungs; 2.6 Survival of P. aeruginosa by Adaptation to the Conductive Zone of the Lungs; 2.7 Survival of P. aeruginosa by Adaptation to the Antibiotic Therapy; 2.8 Evolutionary Implications of the Adaptability of P. aeruginosa; References; 3 Adherence of Pseudomonas aeruginosa; 3.1 Introduction; 3.2 What is Adherence?; 3.3 Role of Adherence in Infection 3.4 How is Bacterial Adherence Associated with Virulence?3.5 P.

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3.15 Molecular Basis for Receptor-binding Domain Interaction with Steel Surfaces3.16 Pili as Nanowires for Redox Reactions; 3.17 What is the Most Important Role of Adherence to P. aeruginosa; References; 4 Flagella and Pili of Pseudomonas aeruginosa; 4.1 Introduction; 4.2 Flagellum of P. aeruginosa; 4.2.1 Structure of the P. aeruginosa Flagellum; 4.2.2 Chromosomal Organization of the Flagellar Genes of P. aeruginosa; 4.2.3 Transcriptional Hierarchy of the Flagellar Genes; 4.2.4 Model Proposed for Flagellar Assembly in P. aeruginosa
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4.3.5.2 Group I-V Pilins

Sommario/riassunto

Concise and up-to-date, this handy guide fills a gap in the literature by providing the essential knowledge for everyone with an interest in the topic. The result is a comprehensive overview of the most important model organism in applied microbiology that covers basic biology, pathology and biotechnological applications.