

1. Record Nr.	UNINA9910136459603321
Titolo	Host - pathogen interaction : microbial metabolism, pathogenicity and antiinfectives // edited by Gottfried Unden, Eckhard Thines, and Anja Schuffler
Pubbl/distr/stampa	Weinheim, Germany : , : Wiley-VCH Verlag GmbH & Company KGaA, , 2016 ©2016
ISBN	3-527-68241-4 3-527-68238-4 3-527-68239-2
Descrizione fisica	1 online resource (237 pages.)
Collana	Drug discovery in infectious diseases
Disciplina	577.857
Soggetti	Host-parasite relationships Communicable diseases Infection Pathogenic microorganisms Anti-infective agents
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	Cover; Title Page; Copyright; Contents; Preface; Cover Legend; List of Contributors; Part One Adaptation of Microbial Metabolism in Host/Pathogen Interaction; Chapter 1 Metabolic Adaptation of Human Pathogenic Yersiniae; Introduction; Yersinia Life Cycles and Pathogenesis; Carbon Metabolism and Links to Yersinia Pathogenesis; Food Sources, Nutrient Sequestration, and Utilization; Metabolic Pathways of Yersinia Crucial for Virulence; Nutritional Virulence: Nutritional Adaptation Important for Pathogenesis; Coordinated Control of Carbon Metabolism and Virulence; Importance of Ions Importance of the Csr SystemImportance of CCR and the cAMP-Crp Complex; Importance of Posttranscriptional Regulation Strategies; Conclusions; Acknowledgments; References; Chapter 2 Crosstalk between Metabolism and Virulence of Legionella pneumophila; Introduction; Key Metabolic Features of L. pneumophila; Serine and

Glucose Metabolism of *L. pneumophila* under In Vitro Conditions;
Metabolism of *L. pneumophila* under Intracellular Conditions; Metabolic
Adaptation during the Life Cycle of Intracellular *L. pneumophila*;
Metabolic Host Cell Responses Triggered by Intracellular *L.*
pneumophila
ConclusionReferences; Chapter 3 Metabolism of Intracellular *Salmonella*
enterica; Introduction; *S. enterica*-A Metabolic Generalist; Metabolism
of Glucose by *S. enterica*; Connection to the TCA Cycle by Oxidative
Decarboxylation of Pyruvate; The Important Role of the TCA Cycle and
Anaplerotic Reactions; Metabolism of Intracellular *S. enterica*; The
Metabolism of *S. enterica* Compared to Other Important Intracellular
and Gastrointestinal Pathogens; *Salmonella* Induce Networks of Tubular
Structures-Access to Host-Derived Nutrients?; *S. enterica* Has a
Bimodal Lifestyle in Epithelial Cells
Salmonella Metabolism Limits Possibilities for New
AntimicrobialsConclusions; References; Chapter 4 The Human
Microbiome in Health and Disease; Introduction; Methods for
Characterizing the Microbiota; Diet and Geographical Factors;
Functional Gastrointestinal Disorders; Manipulation of the Microbiota;
Conclusions; Acknowledgments; References; Chapter 5 Mechanisms of
Dysbiosis in the Inflamed Gut; Introduction; Dysbiosis during
Inflammatory Diseases of the Gastrointestinal Tract; Nutrient
Acquisition by Commensal Bacteria in the Normal Gut
Nutritional Mechanisms for Dysbiosis in the Inflamed GutInflammation-
Driven Bloom of Enteric Pathogens in the Gut Lumen; How Anaerobic
Respiration Enhances Growth in the Inflamed Gut; Conclusions;
References; Chapter 6 Strategies for Nutrient Acquisition by
Magnaporthe oryzae during the Infection of Rice; Introduction;
Adhesion and Germination; Appressorium Formation; Penetration;
Growth in Planta: The Biotrophic Growth Phase; Growth in Planta:
Necrotrophic Growth Phase; Growth in Planta: Sporulation; Life Outside
of the Rice Plant; Conclusion; References
Part Two New Inhibitors and Targets of Infectious Diseases

2. Record Nr.	UNISA996216675803316
Titolo	European neurology
Pubbl/distr/stampa	[Basel, Switzerland], : Karger
ISSN	1421-9913
Disciplina	616.8
Soggetti	Neurology Nervous System Nervous System Diseases Nervensystem Krankheit Zeitschrift Online-Ressource Neurologie Periodical Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed