

1. Record Nr.	UNINA9910298297903321
Titolo	Biofilm-based Healthcare-associated Infections : Volume I / edited by Gianfranco Donelli
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-11038-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (193 p.)
Collana	Advances in Experimental Medicine and Biology, , 0065-2598 ; ; 830
Disciplina	579.3 610 616.9 616.9041
Soggetti	Medical microbiology Bacteriology Infectious diseases Medical Microbiology Infectious Diseases
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	Biofilm Formation by Clinical Isolates and its Relevance to Clinical Infections -- Biofilm-based implant infections in orthopaedics -- Clinical and Microbiological Aspects of Biofilm-Associated Surgical Site Infections -- Peri-implant infections of oral biofilm etiology -- Microbiological diversity of peri-implantitis biofilms -- Anaerobes in biofilm-based healthcare-associated infections -- Microbial biofilm development on neonatal enteral feeding tubes -- Voice prostheses, microbial colonization and biofilm formation -- Microbial composition and antibiotic resistance of biofilms recovered from endotracheal tubes of mechanically ventilated patients -- Biofilm and Central Line Associated Bloodstream Infections.
Sommario/riassunto	The aim of this book is to provide readers with a wide overview of the main healthcare-associated infections caused by bacteria and fungi able to grow as biofilm. The recently acquired knowledge on the pivotal role played by biofilm-growing microorganisms in healthcare-related

infections has given a new dynamic to detection, prevention and treatment of these infections in patients admitted to both acute care hospitals and long-term care facilities. Clinicians, hygienists and microbiologists will be updated by leading scientists on the state-of-art of biofilm-based infections and on the most innovative strategies for prevention and treatment of these infections, often caused by emerging multidrug-resistant biofilm-growing microorganisms.

---