1.	Autore Titolo Pubbl/distr/stampa	UNINA9910585938403321 Melo Luis New Insights on Biofilm Antimicrobial Strategies, 2nd Volume Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
	Descrizione fisica	1 electronic resource (160 p.)
	Soggetti	Research & information: general Biology, life sciences Microbiology (non-medical)
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Sommario/riassunto	In biofilms, microorganisms are able to communicate together and assemble by themselves, creating a consortium with different properties from the original free-floating microorganisms. In fact, biofilm cells bind strongly to a living or non-living surface, enclosed in a self-produced extracellular matrix that is composed of extracellular polymeric substances. One benefit of this lifestyle is the increased resistance or tolerance to antimicrobial agents (e.g., antibiotics). Hence, research on the development of alternative strategies to prevent and control biofilms is highly relevant for society in terms of human health, industry and the environment. Different approaches to prevent or control biofilms using antibiotic alternative strategies were submitted to this Special Issue.