

1. Record Nr.	UNINA9910583461703321
Titolo	Functionalized nanomaterials for the management of microbial infection : a strategy to address microbial drug resistance // edited by Rabah Boukherroub, Sabine Szunerits, Djamel Drider
Pubbl/distr/stampa	Amsterdam, [Netherlands] : , : Elsevier, , 2017 ©2017
ISBN	0-323-41737-X
Descrizione fisica	1 online resource (339 pages) : illustrations
Collana	Micro and Nano Technologies Series
Disciplina	615.329
Soggetti	Antibiotics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Resistance to antibiotics and antimicrobial peptides / Y. Belguesmia, I. Kempf, N. Tison, K. Naghmouchi and D. Drider -- The role of the food chain in the spread of antimicrobial resistance (AMR) / L. Ruiz and A. Alvarez-Ordóñez -- Penetrating the bacterial biofilm / E. Teirlinck, S.K. Samal, T. Coenye and K. Braeckmans -- Metal nanoparticles for microbial infections / B. Mordorski and A. Friedman -- Lipid-based nanopharmaceuticals in antimicrobial therapy / N. Skalko-Basnet and Z. Vanic -- Organic polymeric nanomaterials as advanced tools in the fight against antibiotic-resistant infections / P.C. Balaure, D. Gudovan and I. Gudovan -- Bacteriocins and nanotechnology / L.M.T. Dicks, A.D. P. van Staden and B. Klumperman -- Graphene-microbial interactions / S. Szunerits and R. Boukherroub.