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Titolo	Bacterial Fish Pathogens : Disease of Farmed and Wild Fish / / by Brian Austin, Dawn A. Austin
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
Edizione	[6th ed. 2016.]
Descrizione fisica	1 online resource (761 p.)
Disciplina	570
Soggetti	Wildlife Fishes Bacteriology Microbiology Physiology Marine sciences Fresh water Veterinary medicine Fish & Wildlife Biology & Management Food Microbiology Animal Physiology Marine & Freshwater Sciences Veterinary Medicine/Veterinary Science
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	1. Introduction -- 2. Gram-positive bacteria (anaerobes and lactic acid bacteria') -- 3. Aerobic Gram-positive rods and cocci -- 4. Aeromonadaceae representatives (motile aeromonads) -- 5. Aeromonadaceae representative (Aeromonas salmonicida) -- 6. Enterobacteriaceae representatives -- 7. Flavobacteria and cytophagas -- 8. Francisellaceae representatives -- 9. Pseudomonads -- 10 -- Vibrios -- 11. Miscellaneous pathogens -- 12. Isolation/detection -- 13 -- Diagnosis -- 14. Control -- 15. Conclusions. .
Sommario/riassunto	This book puts emphasis on the isolation, taxonomy, diagnosis

(phenotypic, serology and molecular biology), epizootiology, pathogenicity mechanisms, and methods of disease control (by vaccination, immunostimulation, probiotics, prebiotics, plant products, and antimicrobial compounds. Co-infections, which are attributed to more than one microbial species have been discussed. Shortcomings in knowledge have been highlighted. This sixth edition is the successor to the original version, first published in 1987, and which fills the need for an up-to-date comprehensive text on the biological aspects of the bacterial taxa which cause disease in finfish. The book is primarily targeted at researcher workers, including postgraduate students, and diagnosticians. It is anticipated that the readership will include veterinary microbiologists, public health scientists and microbial ecologists. .
