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Titolo	Campylobacter spp. and Related Organisms in Poultry : Pathogen-Host Interactions, Diagnosis and Epidemiology // edited by Belchiorina Beatriz Fonseca, Heriberto Fernandez, Daise Aparecida Rossi
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ISBN	3-319-29907-7
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XII, 206 p. 19 illus., 17 illus. in color.)
Disciplina	616.9041
Soggetti	Medical microbiology Veterinary medicine Microbiology Public health Food—Biotechnology Agriculture Medical Microbiology Veterinary Medicine/Veterinary Science Public Health Food Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	About the Campylobacter spp (Fonseca, Fernandez, Rossi, Hoepers, Torres de Melo) -- Isolation and identification of Campylobacter spp. in poultry (Oyarzabal, Fernández) -- Colonization of Campylobacter jejuni in poultry (Fonseca, Ferreira Junior, Medina, Beletti, Pereira Mendonça) -- Immune response after infection in poultry (Campos Valadares Júnior, Ferreira Júnior, Fonseca) -- Relationships of Campylobacter spp and poultry cells(Silva, Alves Santos, Alves Martins) -- Epidemiology of Campylobacter spp in farms (Pereira Mendonça, Fonseca, Paz Monteiro) -- Control of Campylobacter spp. in commercial poultry production (Oyarzabal, Backert) -- Survival strategies and adaption of Campylobacter spp. in poultry industry (Rossi, Paz Monteiro, Torres Melo) -- Antimicrobial resistance of Campylobacter spp (Fernandez et

al.) -- Non-jejuni coli Campylobacter spp. and related organisms in poultry, and their relevance in human and animal disease (Lastovica).

Sommario/riassunto

This book provides an extensive review of research into Campylobacter, Helicobacter and Arcobacter species found in poultry. It includes the epidemiology, diagnosis, immune response and disease control of these organisms in commercial poultry production. Antimicrobial resistance, and the incidence and human disease potential of these bacteria is also discussed. A global perspective is presented by experts from four continents – South America, North America, Europe and Africa. This reference work will be of value to the poultry industry, research laboratories, public health workers and students. An extensive overview of the relevant literature is provided by the reference lists at the end of each chapter.