

1. Record Nr.	UNISA996198306703316
Titolo	Avian influenza [[electronic resource] /] / edited by David E. Swayne
Pubbl/distr/stampa	Ames, Iowa, : Blackwell Pub., 2008
ISBN	1-282-04232-7 9786612042324 0-8138-1863-X 0-8138-1866-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (626 p.)
Altri autori (Persone)	SwayneDavid E
Disciplina	636.5/0896203 636.50894518
Soggetti	Avian influenza
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	Influenza A virus / David L. Suarez -- Molecular determinants of pathogenicity for avian influenza viruses / Michael L. Perdue -- Ecology of avian influenza in wild birds / David E. Stallknecht and Justin D. Brown -- Epidemiology of avian influenza in agricultural and other man-made systems / David E. Swayne -- Pathobiology of avian influenza virus infections in birds and mammals / David E. Swayne and Mary Pantin-Jackwood -- The global nature of avian influenza / David E. Swayne -- The beginning and spread of fowl plague (H7 high pathogenicity avian influenza) across Europe and Asia (1878-1955) / Erhard F. Kaleta and Catherine P.A. Rulke -- High pathogenicity avian influenza in the Americas / David E. Swayne -- Highly pathogenic avian influenza outbreaks in Europe, Asia, and Africa since 1959, excluding the Asian H5N1 virus outbreaks / Dennis J. Alexander, Ilaria Capua, and Guus Koch -- Avian influenza in Australia / Leslie D. Sims and Andrew J. Turner -- Multicontinental epidemic of H5N1 HPAI virus (1996-2007) / Leslie D. Sims and Ian H. Brown -- Avian influenza control strategies / David E. Swayne -- Avian influenza diagnostics and surveillance methods / Erica Spackman, David L. Suarez, and Dennis A. Senne -- Mass depopulation as an effective measure for disease control purposes / Elizabeth A.

Krushinskie ... [et al.] -- Methods for disposal of poultry carcasses / Boris Brglez and John Hahn -- Farm and regional biosecurity practices / Carol J. Cardona --

Farm biosecurity risk assessment and audits / David Shapiro and Bruce Stewart-Brown -- Methods for inactivation of avian influenza virus in the environment / Nathan G. Birnbaum and Bethany O'Brien --

Vaccines, vaccination, and immunology for avian influenza viruses in poultry / David E. Swayne and Darrell R. Kapczynski -- Public health implications of avian influenza viruses / Nancy J. Cox and Timothy M. Uyeki -- The role of educational programs in the control of avian influenza / Nathaniel L. Tablante -- Trade and food safety aspects for avian influenza viruses / David E. Swayne and Colleen Thomas --

Control of low pathogenicity avian influenza / David A. Halvorson -- The economics of avian influenza / Anni McLeod -- Global strategy for highly pathogenic avian influenza: progressive control and eradication, and postoutbreak recovery / Juan Lubroth, Subhash Morzaria, and Alejandro B. Thiermann.

Sommario/riassunto

Avian Influenza provides the first comprehensive guide covering the full spectrum of this complex and increasingly high-profile disease, its history and its treatment and control. All aspects of avian influenza are dealt with in depth, systematically covering biology, virology, diagnostics, ecology, epidemiology, clinical medicine, and the control. The book fuses coverage of the latest discoveries in the basic sciences with a practical approach to dealing with the disease in a clinical setting, and providing instruction and guidance for veterinarians and government animal health officials enco
