

1. Record Nr.	UNINA9910446332403321
Titolo	Introduction to pandemic influenza [[electronic resource] /] / edited by Jonathan Van-Tam, Chloe Sellwood
Pubbl/distr/stampa	Wallingford, UK ; ; Cambridge, MA, : CAB International, c2010
ISBN	1-282-49986-6 9786612499869 1-84593-726-0
Descrizione fisica	1 online resource (241 p.)
Collana	Modular texts
Altri autori (Persone)	SellwoodChloe Van-TamJonathan
Disciplina	614.5/18
Soggetti	Influenza - Epidemiology Influenza - Prevention
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	Contents; Contributors; Editor Biographies; Foreword; Acknowledgements; Glossary; A; B; C; D; E; H; I; L; M; N; P; Q; R; S; Z; 1 Seasonal Influenza: Epidemiology, Clinical Features and Surveillance; 1.1 Pandemic and Seasonal Influenza are Related Diseases; 1.2 Influenza A and B; 1.3 Clinical Features; 1.4 Timing and Seasonality; 1.5 Burden of Illness and Clinical Attack Rates; 1.6 Influenza in Children; 1.7 Diagnostic Certainty; 1.8 Excess Mortality; 1.9 High-risk Illnesses; 1.10 Nosocomial Infection and Outbreaks in Semi-closed Communities 1.11 Surveillance Data on Seasonal Influenza and Pandemic Needs1.12 Summary; 1.13 Summary Points; 2 Basic Influenza Virology and Immunology; 2.1 Introduction; 2.2 The Virus; 2.3 Nomenclature; 2.4 Replication; 2.5 The Immune Response; 2.6 The Variable Virus; 2.7 Pandemics; 2.8 Summary Points; 3 Avian and Animal Influenza: Manifestations in Man; 3.1 Introduction; 3.2 Avian Influenza in Wild and Domesticated Birds; 3.3 Influenza in Other Species; 3.4 Avian Influenza in Man; 3.5 Managing the Human and Public Health Consequences of Avian Influenza in Poultry; 3.6 Pandemic Preparedness 3.7 Summary Points4 Brief History and Epidemiological Features of Pandemic Influenza; 4.1 Introduction; 4.2 Prerequisites for Pandemic

Influenza; 4.3 Pandemics before the 20th Century; 4.4 Influenza Pandemics of the 20th Century; 4.5 Swine Flu, 1976: a Pandemic Averted?; 4.6 Re-emergence of Influenza A/H1N1 in 1977; 4.7 Antigenic Recycling in Relation to Human Pandemics; 4.8 Will an Avian Influenza Virus Cause a Future Pandemic?; 4.9 Pandemic Preparedness; 4.10 Summary Points; 5 Influenza Transmission and Related Infection Control Issues; 5.1 Introduction
5.2 What is Known about Influenza Transmission? 5.3 What is Unknown about Influenza Transmission?; 5.4 What can Reasonably be Deduced about Influenza Transmission?; 5.5 Modes of Transmission of Infection; 5.6 Infection Control Precautions to Counteract Transmission; 5.7 Which Infection Control Precautions are Required for Influenza?; 5.8 Counteracting Droplet Transmission; 5.9 Influenza Transmission: the Evidence For and Against the Different Modes of Transmission; 5.10 The Debate: Current Thinking Regarding Influenza Transmission; 5.11 Counteracting Transmission
5.12 Aerosol-generating Procedures 5.13 Translating Evidence on Transmission into Practical Advice; 5.14 Unresolved Questions for Further Research; 5.15 Summary Points; 6 The Role of Emergency Planning, Business Continuity and Exercises in Pandemic Preparedness; 6.1 Introduction; 6.2 Emergency Preparedness and Business Continuity Planning; 6.3 Interdependency and Interoperability; 6.4 Background to the Role of Exercises in Pandemic Preparedness; 6.5 Types of Exercise; 6.6 Potential Problems in the Design of Pandemic Influenza Exercises; 6.7 Lessons Identified; 6.8 Conclusion
6.9 Summary Points
