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Titolo	Influenza vaccines for the future // Rino Rappuoli, Giuseppe Del Giudice, editors
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Descrizione fisica	1 online resource (viii, 299 pages) : illustrations (some color)
Collana	Birkhauser advances in infectious diseases
Altri autori (Persone)	RappuoliRino Del GiudiceGiuseppe
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Influenza virus: The biology of a changing virus -- Influenza vaccines have a short but illustrious history -- The epidemiology of influenza and its control -- Influenza and influenza vaccination in children -- The immune response to influenza A viruses -- Correlates of protection against influenza -- The role of animal models in influenza vaccine research -- Live attenuated influenza vaccine -- MF59: A safe and potent oil in water emulsion adjuvant for influenza vaccines, which induces enhanced protection against virus challenge -- Non-recent history of influenza pandemics, vaccines, and adjuvants -- Waiting for a pandemic -- Modeling influenza pandemic and interventions.
Sommario/riassunto	The threat constituted by the multiple outbreaks of avian influenza during the last few years is urgently calling for the development of new influenza vaccines. Fortunately, a quantum leap in technology has revolutionized the study of influenza and the engineering of new vaccine strains by reverse genetics. This volume provides a historical background and state-of-the-art information about the recent

advances in the biology of influenza and the design of new influenza vaccines.
