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| 1. Record Nr.           | UNINA9910784592103321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Titolo                  | Rubella viruses [[electronic resource] /] / editors, Jangu Banatvala, Catherine Peckham                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Pubbl/distr/stampa      | Amsterdam ; ; London, : Elsevier, 2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ISBN                    | 1-280-74708-0<br>9786610747085<br>0-08-046786-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Descrizione fisica      | 1 online resource (139 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Collana                 | Perspectives in medical virology, , 0168-7069 ; ; v. 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Altri autori (Persone)  | BanatvalaJ. E<br>PeckhamC. A (Catherine A.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Disciplina              | 616.916                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Soggetti                | Rubella virus<br>Togaviruses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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       | Cover; Rubella Viruses; Copyright page; Contents; Preface; Historical Introduction; Chapter 1. Molecular Virology of Rubella Virus; Introduction; Structure of the virion; Genome organization; Attachment and entry; Intracellular site of RNA replication; Transcription and translation; Genome replication; Interactions between rubella virus proteins and cellular proteins involved in cell cycle regulation; Assembly of virions; Molecular epidemiology of rubella; General comments about the molecular virology of rubella virus; References; Chapter 2. Clinical Features: Post-Natally Acquired Rubella IntroductionClinical features; Differential diagnosis; Complications; Congenitally acquired infection; References; Chapter 3. Laboratory Diagnosis of Rubella and Congenital Rubella; Introduction; Laboratory techniques; Diagnosis of rubella; Remaining diagnostic problems; Conclusions and outlook; Acknowledgements; References; Chapter 4. Rubella Vaccine; Introduction; Active immunization; Dose and route of administration; Combination of the vaccine; Immune responses; Protective effects and reinfection; Adverse events; Contraindications and precautions; Use of rubella-containing vaccine globally Cost-effectiveness of rubella-containing vaccines in developing |

countriesSummary; References; Chapter 5. Rubella Epidemiology: Surveillance to Monitor and Evaluate Congenital Rubella Prevention Strategies; Congenital rubella infection; Epidemiological features of the rubella virus; Prevention of congenital rubella; References; Future Requirements; List of Contributors; Index

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Sommario/riassunto

This latest volume provides a comprehensive review of the latest developments and research studies on the pathogenesis and molecular biology of human congenital infections. It reviews current diagnostic techniques and epidemiological data while describing the progress in research and understanding of continuing prevention of congenital infections and prognosis.

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