

1. Record Nr.	UNINA9910814683203321
Autore	Ramos da Silva Suzane <1979->
Titolo	Zika virus and diseases : from molecular biology to epidemiology // Suzane Ramos da Silva, Fan Cheng, Shou-Jiang Gao
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley Blackwell, , 2018 ©2018
ISBN	1-119-40866-0 1-119-40865-2 1-119-40867-9
Descrizione fisica	1 online resource (277 pages) : illustrations (some color), photographs
Disciplina	614.5885
Soggetti	Zika virus infection - Epidemiology Zika virus infection
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Machine generated contents note: Preface List of Abbreviations Chapter 1: The history of ZIKV discovery 1.1 ZIKV isolation from monkeys and mosquitos 1.2 ZIKV infection in humans 1.3 ZIKV infection spread to other hosts and regions 1.4 Cross-paths between ZIKV and other flaviviruses References Chapter 2: ZIKV: From silent to epidemic 2.1 Outbreak in Yap Island (2007) 2.2 Outbreak in French Polynesia (2013) 2.3 How did ZIKV reach Brazil? 2.4 Outbreak in Brazil (2015) 2.5 ZIKV spread through South, Central and North Americas References Chapter 3: ZIKV Transmission and Prevention 3.1 Modes of Transmission 3.2 Prevention References Chapter 4: Association with Guillain-Barre syndrome and microcephaly 4.1 Association with neurological disorders References Chapter 5: ZIKV animal models 5.1 Animal models: Embryonated hen eggs 5.2 Animal models: Landrace piglet 5.3 Animal models: Mice 5.4 Animal model - non-human primate References Chapter 6: Biology of ZIKV 6.1 Structural and physical properties of ZIKV virion 6.2 Binding and entry 6.3 Genome structure 6.4 Translation and proteolytic processing 6.5 Features of the non-structural proteins 6.6 RNA replication 6.7 Features of the structural proteins 6.8 Virus assembly and release from virus-infected

cells References Chapter 7: Zika virus (ZIKV) strains and lineages 7.1 East and West African lineage 7.2 Africa vs. Asian/American lineage References Chapter 8: ZIKV-host interactions 8.1 Systematic studies to identify ZIKV affected functions and pathways 8.2 Induction and dysregulation of innate immune responses during ZIKV infection 8.3 Induction of cell death and apoptosis by ZIKV 8.4 Induction of autophagy by ZIKV 8.5 Dysregulation of cell cycle and induction of abnormal mitosis by ZIKV References Chapter 9: Inhibitors of ZIKV replication and infection 9.1 Drugs that lead to the destruction of ZIKV virions 9.2 Drugs that inhibit ZIKV entry and endocytosis 9.3 Drugs that target ZIKV NS2B-NS3 protease activity 9.4 Drugs that target ZIKV NS5 RNA-dependent RNA polymerase activity 9.5 Neutralizing antibodies that target ZIKV structural protein 9.6 Drugs that inhibit ZIKV infection by targeting host machinery 9.7 Drugs that show neuroprotective activity but do not suppress ZIKV replication 9.8 Other drugs that inhibit ZIKV infection identified from a screening of FDA-approved drugs References Chapter 10: Long-term care and Perspectives 10.1 Prenatal care and diagnosis of abnormal fetus development 10.2 Long-term care for patients affected by ZIKV 10.3 Assistance to families with children affected by ZIKV 10.4 Perspectives References Index.

Sommario/riassunto

"Compiles the most current information on the Zika virus and its associated diseases. This comprehensive book provides the most up-to-date information for students, medical students, and scientists on Zika virus and its associated diseases. It includes all the information related to the Zika virus since its discovery in 1947; its epidemic outbreak in 2007-2014; how the epidemiology changed in America in 2015-2016; its mode of transmission; how to prevent and treat it; and associated diseases. *Zika Virus and Diseases: From Molecular Biology to Epidemiology* offers complete and up-to-date coverage in 10 chapters. It presents information from papers that attempted to associate the virus with diseases in Africa until the first animal experiment; discusses its association with Guillain-Barre syndrome and microcephaly; describes the basic mechanisms for Zika (ZIKV) replication, including important differences between Dengue (DENV), West-Nile virus (WNV), and ZIKV; explains the difference between the strains and discusses the pathogenesis of them; covers the papers that showed all the interferences that Zika can cause, and the pathways which can be modified; and more. The first book since 1947 to put together all the scientific information. Compiles all the information received in the last year about Zika virus. Clearly demonstrates the origin and discovery of the virus. *Zika Virus and Diseases: From Molecular Biology to Epidemiology* will appeal to graduate students, medical students, basic researchers, clinicians in infectious disease, microbiology, and virology, as well as people in related disciplines interested in learning more about this topic"--

2. Record Nr.	UNINA9910974659003321
Autore	Hooley Neil
Titolo	Narrative Life : Democratic Curriculum and Indigenous Learning / / by Neil Hooley
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2009
ISBN	9786612236068 9781282236066 1282236067 9781402097355 1402097352
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (291 p.)
Collana	Explorations of Educational Purpose, , 1875-4457 ; ; 7
Disciplina	371.826
Soggetti	Educational sociology Sociology of Education
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	Context -- Global Trends and Indigenous Challenges -- Building Democracy -- Confronting Whiteness -- Education, Being and Identity -- Community -- Indigenous Education -- Self-Determination -- Culture and Environment -- National and International Insights -- Commitment -- Indigenous Literacy and Epistemology -- Two-Way Inquiry Learning -- Participatory Narrative Inquiry -- Exemplars of Indigenous Knowledge and Practice -- Change -- Ambiguity and Indigenomathematics -- Policy, Practice and Pedagogy -- Education as Democratic Public Sphere.
Sommario/riassunto	Written with educational practitioners in mind and set in a framework of progressive epistemology and pedagogy, this work tackles issues of global concern. It seeks to answer the question of how we structure education for the world's 370 million indigenous people so as to promote intercultural understanding, maximize opportunity and right colonial wrongs. Hooley's work details an innovative curriculum design for indigenous school children based on the principles of participatory narrative inquiry, as well as exemplars of indigenous knowledge. Written from an Australian perspective, the book discusses broad

international issues that impact on schooling such as globalisation, democratic education and whiteness and raises significant questions regarding indigenous culture and knowledge. Taking inspiration from the works of John Dewey and Paulo Freire, Hooley asserts that a curriculum based on participatory narrative inquiry recognises and respects the interests and rights of local indigenous communities. Further, it provides a mechanism for linking with white mainstream curricula through the compilation of portfolios of student work and exemplars of knowledge across all subjects areas. This model views formal schooling as a central aspect of a child's personal, family and community narrative and does not impose knowledge from without, but constructs knowledge from within. Learning is given an indigenous context and thus two-way inquiry between cultural viewpoints is encouraged. Narrative Life makes an original contribution to indigenous education worldwide, and does so across all settings of primary and secondary schooling.
