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Titolo	Ranaviruses [[electronic resource] ] : Lethal Pathogens of Ectothermic Vertebrates / / edited by Matthew J. Gray, V. Gregory Chinchar
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-13755-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (x, 246 pages) : illustrations
Disciplina	591.7
Soggetti	Animal ecology Environmental health Wildlife Fish Virology Aquatic ecology Conservation biology Ecology Animal Ecology Environmental Health Fish & Wildlife Biology & Management Freshwater & Marine Ecology Conservation Biology/Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Distribution and Phylogeny of Ranaviruses -- Host-pathogen Ecology and Evolution -- Molecular Biology of Ranaviruses -- Immune Evasion and Host Immunity -- Pathology and Diagnostics -- Design and Analysis of Ranavirus Studies -- Global Ranavirus Consortium.
Sommario/riassunto	The first book of its kind, this work discusses the global extent of ranaviruses, principles of ranavirus ecology and evolution. The research included provides guidance on designing ranavirus surveillance studies to determine risk. Ranaviruses are are double-stranded DNA viruses

that cause hemorrhagic disease in amphibians, reptiles, and fish. Ranaviruses have caused mass die-offs of ectothermic vertebrates in wild and captive populations around the globe. *Ranaviruses: Lethal Pathogens of Ectothermic Vertebrates* serves an urgent need to assemble the contemporary information on ranaviruses, and provide guidance on how to assess this threat in populations.

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