



Volume 131, October 2015

CONTENTS



Special Issue: Pathogens and Disease Processes in Marine Molluscs
Guest Editors: Noèlia Carrasco, Susan Ford and Robert Anderson

Abstracted/indexed in EMBiology. Also covered in the abstract and citation database Scopus®. Full text available on ScienceDirect®.

Noèlia Carrasco, Susan Ford, Robert Anderson. Pathogens and disease processes in marine molluscs	1
Valérie Barbosa Solomieu, Tristan Renault, Marie-Agnès Travers. Mass mortality in bivalves and the intricate case of the Pacific oyster, <i>Crassostrea gigas</i>	2
Marie-Agnès Travers, Katherine Boettcher Miller, Ana Roque, Carolyn S. Friedman. Bacterial diseases in marine bivalves	11
Isabelle Arzul, Ryan B. Carnegie. New perspective on the haplosporidian parasites of molluscs	32
Noèlia Carrasco, Timothy Green, Naoki Itoh. <i>Marteilia</i> spp. parasites in bivalves: A revision of recent studies	43
Francisco Ruano, Frederico M. Batista, Giuseppe Arcangeli. Perkinsosis in the clams <i>Ruditapes decussatus</i> and <i>R. philippinarum</i> in the Northeastern Atlantic and Mediterranean Sea: A review	58
Christopher F. Dungan, David Bushek. Development and applications of Ray's fluid thioglycollate media for detection and manipulation of <i>Perkinsus</i> spp. pathogens of marine molluscs	68
María J. Carballal, Bruce J. Barber, David Iglesias, Antonio Villalba. Neoplastic diseases of marine bivalves	83
F. Carella, S.W. Feist, J.P. Bignell, G. De Vico. Comparative pathology in bivalves: Aetiological agents and disease processes	107
Bassem Allam, David Raftos. Immune responses to infectious diseases in bivalves	121
Marta Gómez-Chiarri, Ximing Guo, Arnaud Tanguy, Yan He, Dina Proestou. The use of -omic tools in the study of disease processes in marine bivalve mollusks	137
Tal Ben-Horin, Gorka Bidegain, Lauren Huey, Diego A. Narvaez, David Bushek. Parasite transmission through suspension feeding	155
Loren D. Coen, Melanie J. Bishop. The ecology, evolution, impacts and management of host-parasite interactions of marine molluscs	177
Eric N. Powell, Eileen E. Hofmann. Models of marine molluscan diseases: Trends and challenges	212
Lionel Dégremont, Céline Garcia, Standish K. Allen Jr. Genetic improvement for disease resistance in oysters: A review	226
C.J. Rodgers, R.B. Carnegie, M.C. Chávez-Sánchez, C.C. Martínez-Chávez, M.D. Furones Nozal, P.M. Hine. Legislative and regulatory aspects of molluscan health management	242



0022-2011(201510)131:C;1-Z