

1. Record Nr.	UNINA9910814095003321
Titolo	Fish endocrinology . Volume 2 // editors, Manfred Reinecke, Giacomo Zaccone, B.G. Kapoor
Pubbl/distr/stampa	Enfield, NH, : Science Publishers, c2006
ISBN	0-429-52658-X 0-429-09414-0 1-281-73688-0 1-4398-4230-2 1-57808-561-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (452 p.)
Altri autori (Persone)	KapoorB. G ReineckeManfred ZacconeGiacomo
Disciplina	573.4/17
Soggetti	Fishes - Endocrinology Fishes - Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Originally published: Enfield, N.H. : Science Publishers, 2006.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	VOLUME 1: Insulin and Insulin-like Growth Factors: A Survey on the Insulin and Insulin-like Growth Factor System; Insulin Metabolic Effects in Fish Tissues; Non-radioisotopic Immunoassay for Fish Insulin; Insulin-like Growth Factor I and II in Fish; Insulin and IGF Receptors in Fish; Insulin-like Growth Factor-Binding Proteins (IGFBPs) in Fish: Beacons for (Disrupted) Growth Endocrine PhysiologyGastro-entero-pancreatic (GEP) System: The Endocrine Pancreas of African Lungfish: Light and Electron Microscopic Immunocytochemistry and Morphology; Glucagon and Friends; The Development of the Gastro-entero-pancreatic (GEP) Endocrine System of TeleostsPituitary: Development, Hormones and Functions: Teleost Adenohypophysis: Morphofunctional and Developmental Aspects; Diverse Structures and Functions of Melanocortin, Endorphin and Melanin-Concentrating Hormone in Fish; Osmoregulatory Action of Hypophyseal Hormones in Teleosts; Osmoreception: A Fish Model for a Fundamental Sensory ModalityVOLUME 2: Natriuretic Peptides: The Natriuretic Peptide System

of Fishes: Structure, Evolution and Function Cardiac No Signaling: Nitric
Oxide Modulation of Mechanical Performance in the Teleost
Heart Myotropic Hormones: Myotropic Neurohormonal Peptides in
Fish Pineal Organ: Structure and Function: The Pineal Organ Stress
Response, Reproduction and Endocrine Disruptors: Morphofunctional
Aspects of Reproduction from Synchronous to Asynchronous Fishes An
Overview; Current Perspectives on Estradiol (E2) Action and Nuclear
Estrogen Receptors (ER) in Teleost Fish; Stress Biomarkers and
Reproduction in Fish; Neuroendocrine Mechanisms Regulating Stress
Response in Cultured Teleost Species; The HPA Axis and Functions of
Corticosteroids in Fishes; Modes of Action and Physiological Effects of
Thyroid Hormones in Fish; The Impact of Environmental Hormonally
Active Substances on the Endocrine and Immune System of Fish

Sommario/riassunto

During the past two decades, fish endocrinology has witnessed exciting
developments due to our increased knowledge at all levels of biological
organizations, including molecular biology, cell biology, physiology and
behavior. New insights into development, neurobiology, immunology
and molecular genetics closely correlated with classical aspects of
