

1. Record Nr.	UNINA9910453719603321
Titolo	Experimental endocrinology and reproductive biology [[electronic resource] /] / editors, Chandana Haldar ... [et al.]
Pubbl/distr/stampa	Enfield (NH), : Science Publishers, c2008
ISBN	1-281-82772-X 9786611827724 1-57808-605-1
Descrizione fisica	1 online resource (336 p.)
Altri autori (Persone)	HaldarChandana
Disciplina	612.4
Soggetti	Endocrinology Reproduction - Endocrine aspects Electronic books.
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	""Foreword""; ""Preface""; ""Acknowledgements""; ""Contents""; ""SECTION : Ia€?Experimental Endocrinology""; ""1. Melatonin: New Aspects of its Protective Actions and Novel Metabolites""; ""Abstract""; ""INTRODUCTION""; ""TISSUE MELATONIN""; ""INDIRECT ANTIOXIDANT EFFECTS OF MELATONIN, AN EXTENDED FIELD""; ""MITOCHONDRIAL EFFECTS""; ""NEW METABOLITES FROM INTERACTIONS OF AMK AND REACTIVE NITROGEN SPECIES""; ""CONCLUSION""; ""REFERENCES""; ""2. Gastrointestinal Melatonin-30 Years of Research""; ""Abstract""; ""INTRODUCTION""; ""Localization of GIT Melatonin""; ""Is GIT Melatonin Synthesized in the Digestive Tract or is it of Pineal Origin?""; ""Comparison between Gastrointestinal and Pineal Gland Melatonin""; ""Melatonin Binding and its Physiological Functions""; ""Melatonin, Food Intake and Digestion""; ""Melatonin in Digestive Glands and the Hepatobiliary System""; ""Clinical Relevance of Melatonin in the Tubular GIT""; ""CONCLUSION""; ""REFERENCES""; ""3. Studies on the Sympathetic Nervous Regulation of Innate Immunity""; ""Abstract""; ""INTRODUCTION""; ""THE SYMPATHETIC NERVOUS SYSTEM AS REGULATOR OF DC FUNCTIONS""; ""Effect of NE on Migration and Antigen Presenting Ability of DCs"""

Discrete Adrenergic Influence on TLR-dependent DCs Activation";
""CONCLUSION"; ""REFERENCES"; ""4. Regulation and Synthesis of
Maturation Inducing Hormone in Fishes"; ""Abstract";
""INTRODUCTION"; ""REGULATION OF GONADAL MATURATION";
""MATURATION INDUCING STEROIDS (MIS)"; ""STEROID LEVELS IN THE
BLOOD"; ""Vitellogenesis Phase"; ""Post-vitellogenesis Phase"; ""IN VITRO
STUDIES"; ""STEROID SYNTHESIS"; ""MIS RECEPTORS"; ""MATURATION
INDUCTION IN MALES"; ""MOLECULAR ASPECTS OF MATURATION"";
""CONCLUSION"
""ACKNOWLEDGEMENT""""REFERENCES""; ""5. Melatonin Inhibition of
Gonadotropin-releasing Hormone-induced Calcium Signaling and
Hormone Secretion in Neonatal Pituitary Gonadotrophs"; ""Abstract"";
""INTRODUCTION"; ""GnRH SIGNALING""; ""GnRH-induced Calcium
Oscillations""; ""GnRH-induced Current and Voltage Oscillations"";
""Critical Features of Intracellular GnRH Signaling in Neonatal
Gonadotrophs""; ""MELATONIN RECEPTORS""; ""Localization of
Melatonin Receptors in Reproductive Neuroendocrine Axis"";
""Melatonin Receptor Subtypes""; ""Signaling Pathways""
""Ligand Binding to Melatonin Receptors""""Melatonin Interaction with
GnRH in Neonatal Pituitary Gonadotrophs""; ""DEVELOPMENTAL
CHANGES IN ANTERIOR PITUITARY""; ""CONCLUSION""; ""REFERENCES"";
""SECTION : IIa€?Reproductive Biology and Clinical Endocrinology""; ""1.
Roles of Melatonin in Photoperiodic Gonadal Response of Birds"";
""Abstract""; ""INTRODUCTION""; ""Photoperiodic Responses""; ""Control
of Melatonin Secretion""; ""Roles of Melatonin in Photoperiodic
Responses""; ""Melatonin and Photoperiodic Gonadal Response in
Birds""
""Target Site of Melatonin in Photoperiodic Gonadal Response""
