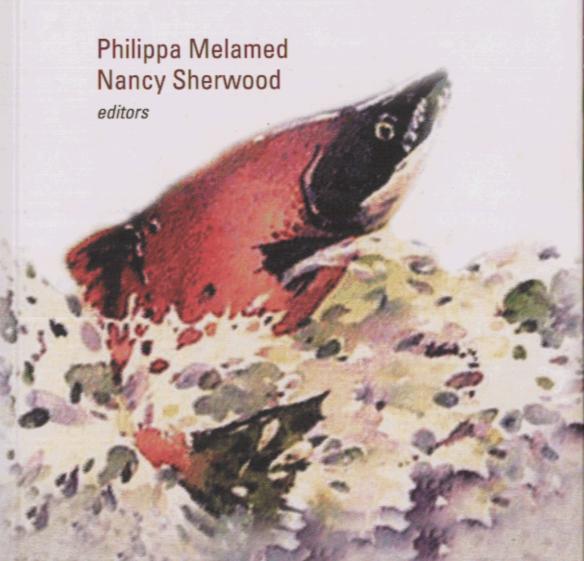
Hormones and their Receptors in Fish Reproduction



Contents

Preface	vii
Chapter 1. Gonadotropin-Releasing Hormone in Fish:	
Evolution, Expression and Regulation of the	
GnRH Gene	1
Sherwood NM and Adams BA	
Chapter 2. GnRH Receptors in Fish: Differences in	
Structure-Function Relations between Mammalian and	
Non-mammalian GnRH Receptors	40
Blomenröhr M, Goos H, Bogerd J, Eidne K	
and Willars G	
Chapter 3. Molecular Regulation of Gonadotropin Gene	
Expression in Teleosts	76
Chong KL, Koh M and Melamed P	
Chapter 4. Evidence for Pleiotropic Effects of Prolactin in	
Teleost Fish	105
Le Rouzic P and Prunet P	
Chapter 5. Activin and Its Receptors in Fish Reproduction	128
Ge W	
Chapter 6. Gonadal Steroidogenesis in Teleost Fish	155
Young G, Kusakabe M, Nakamura I, Lokman PM	
and Goetz FW	

Contents

Species Index

vi

Chapter 7. Regulation and Function of Estrogen
Receptors: Comparative Aspects
Menuet A, Adrio F, Kah O and Pakdel F
Chapter 8. Vitellogenesis and Vitellogenin Uptako
into Oocytes
Ding JL
Subject Index

224 254

277

295