

1. Record Nr.	UNINA9910139789603321
Autore	Overturf Ken
Titolo	Molecular research in aquaculture [[electronic resource] /] / Ken Overturf
Pubbl/distr/stampa	Ames, Iowa, : Wiley-Blackwell, c2009
ISBN	1-282-37153-3 9786612371530 0-8138-0737-9 0-8138-0742-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (407 p.)
Altri autori (Persone)	OverturfKen
Disciplina	639.3 639.8
Soggetti	Aquaculture - Research Molecular biology - Research 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	Molecular Research in Aquaculture; Contents; Preface; List of Contributors; Chapter 1. Convergence of Aquaculture and Molecular Biology; Chapter 2. Basic Molecular Laboratory Methods; Chapter 3. Quantitative PCR; Chapter 4. Aquaculture-Related Applications of DNA Microarray Technology; Chapter 5. Aquaculture Genomics; Chapter 6. Proteomics in Aquaculture; Chapter 7. The Role of Model Organisms in Aquaculture Research: Transient and Permanent Advantages; Chapter 8. Clonal Lines and Chromosome Manipulation for Aquaculture Research and Production Chapter 9. Issues and Methodology for Development of Transgenic Fish for Aquaculture with a Focus on Growth Enhancement Chapter 10. Molecular Regulation of Intermediary Metabolism Focusing on Utilization of Dietary Carbohydrates; Chapter 11. Muscle Regulation; Chapter 12. Microbial Genomics of Aquaculture Pathogens; Chapter 13. Control of Reproduction; Index
Sommario/riassunto	Molecular Research in Aquaculture Molecular research and biotechnology have long been fields of study with applications useful to

aquaculture and other animal sciences. Molecular Research in Aquaculture looks to provide an understanding of molecular research and its applications to the aquaculture industry in a format that allows individuals without prior experience in this area to learn about and understand this important field. Molecular Research in Aquaculture opens with an introductory chapter giving background information on the aquaculture industry and the
