



**Teaching help** 1989- → Zoology, Botany, Microbiology,  
Fish Anatomy and Physiology, Fish Diseases,  
Freshwater Fish Culture, Marine Fish Culture,  
Invertebrate Culture, Fish Physiology, Live Food  
Culture.

**Course Experiences** Applied Course on Laboratory Animals, 17 March 2006. Istanbul University, Institute for Experimental Medicine, Istanbul, Turkiye.

Course on “Protein Techniques and Proteomics”, 21-25 June 2004, Ege University, Engineering Faculty, Department of Bioengineering, EBILGEM, Izmir.

Intensive Aquaculture: Production, Management and Food Safety. MASHAV-CINADCO International Course 10-31 March 2004, Israel.

Course on Methods of Genetic Engineering, 24-28 June 2002, Istanbul University, Research and Application Center and Genetic Engineering, Istanbul, Turkiye.

“Course on Confocal Microscopy” 21 June 2001, Gaziantep University, Faculty of Medicine, Histology-Embriology Section, Gaziantep, Turkiye.

“3<sup>rd</sup> Stereological Methods and Its Applications” 18-20 Haziran 2001, Gaziantep University, Faculty of Medicine, Histology-Embriology Section, Gaziantep, Turkiye.

**AREA OF SPECIALIZATION** Bacterial fish diseases, fungal fish diseases, crayfish plague, histopathology, egg disinfection.

**AWARDS** Israel Foreign Ministry “Intensive Aquaculture”.  
MASHAW-CINADCO, 2004

## **PUBLICATIONS**

**Papers** **COLAK, S.** and TIMUR, G.: Pathogenesis of the Experimentally Induced Photobacteriosis in Sea Bass (*Dicentrarchus labrax*) and Sensitivity to the Chemotherapeutics. Egyptian Journal of Aquatic Biology and Fisheries, 11 (3):1115-1124. ISSN 1110-6131, 2007.

**OZESEN COLAK, S.**; COLAK, A. and GUVEN, E.: General View of Bluefin Tuna (*Thunnus thynnus* Linnaeus, 1758) Rearing in Turkey. Journal of Aquaculture Engineering, Number 25/26, p. 49-57, 2006 (in Turkish).

YIGIT, M.; GUVEN, E and **OZESEN COLAK, S.**: Karadeniz’de Ağ Kafeslerde Balık Yetiştiriciliğinin Tarihsel Gelişimi ve Sorunları. Journal of Aquaculture Engineering, Number 25/26, p. 33-39, 2006 (in Turkish).

GUVEN, E.; **COLAK, S.** and SAVAS, E.: Reproduction Period of Crayfish (*Astacus leptodactylus leptodactylus* Eschscholtz, 1823) in Iznik Lake. Istanbul University Journal of Fisheries and Aquatic Sciences 16 (13): 35-51, 2002.

GUVEN, E.; **COLAK S.** and COLAK, A.: Determination of Entering Periods of European Eel (*Anguilla anguilla* L. 1758) Elvers to Some Inland Waters in West Mediterranean and Aegean Coasts of Turkey. Ege University Journal of Fisheries and Aquatic Sciences, Vol. 19 (3-4): 329-335, 2002.

GUVEN, E.; **COLAK, S.** and COLAK, A.: Adaptation of European Eel (*Anguilla anguilla* L. 1758) Elvers to Artificial Feeding and Growth Rates During Eight Months. Ege University Journal of Fisheries and Aquatic Sciences, Vol. 19 (3-4): 337-348, 2002.

TIMUR, G.; KARATAS, S.; **COLAK, S.** and AKAYLI, T.: A Study on Fish Furunculosis of Very Young Rainbow Trout (*Oncorhynchus mykiss* W. 1792). Istanbul University Journal of Aquatic Products Special Issue. 461-467, 1999.

#### **Publications in Symposium Proceedings**

COLAK, A.; **COLAK** and GUVEN, E.: Primary Applications on Bluefin Tuna (*Thunnus thynnus*) Fattening in Turkey. Workshop on Farming, Management and Conservation of Bluefin Tuna, 5-7 April 2003, Istanbul-Turkey. Turkish Marine Research Foundation No. 13, 40-50, 2003.

**OZESEN COLAK, S.**; DIMOGLO, A. and BALTACI, M.A.: First Applications of Electrolyzed Oxidizing Water on *Saprolegnia* sp. Infection in Rainbow Trout (*Oncorhynchus mykiss*) Eggs and Larvae. 11. Conference of the Egyptian Society for the Development of Fisheries Resources and Human Health. 20-30 June, Cairo-Egypt. Book of Abstracts p. 50, 2007.

KAYHAN, F.E.; **COLAK, S.**; KOC, N.D. and COLAK, A.: Investigation of Organochlorine Pesticide Residues in Liver and Muscle Tissues of Atlantic Bluefin Tuna (*Thunnus thynnus* L., 1758) from Gulf of Antalya, Mediterranean, Turkey. Rapp. Comm. int. Mer Médit., 38, 2007.

GUVEN, E.; **OZESEN COLAK, S.** and DOGAN, K.: Technical and Structural Features of Marine Fish Hatcheries in Turkey. Aquaculture Europe 07, Istanbul-Turkiye, Abstract Book, p. 225, 2007.

**OZESEN COLAK, S.**; DIMOGLO, A. and BALTACI, M.A.: Efficacy of Electrolyzed Acid Water on *Saprolegnia* sp. Infection in Rainbow Trout (*Oncorhynchus mykiss*) Eggs. Aquaculture Europe 07, Istanbul-Turkiye, Abstract Book, p. 415, 2007.

**OZESEN COLAK, S.**; GUVEN, E. and DOGAN, K.: Disease Management of Marine Fish Hatcheries in Turkey. Aquaculture Europe 07, Istanbul-Turkiye, Abstract Book, p. 416, 2007.

GULSOY, N. and **OZESEN COLAK, S.**: Morphological Structure of Previtellogenic Oocytes of *Diplodus puntazzo* (CETTI, 1777) in Captivity. Aquaculture Europe 07, Istanbul-Turkiye, Abstract Book, p. 418, 2007.

COLAK, A.; ARSLAN, T.; KIR, M. and **COLAK, S.**: Current Status and Future of Bluefin Tuna Farming in Türkiye. 18. National Congress of Biology 26-30 June 2006. Adnan Menderes University, Science and Literature Faculty, Biology Department, Kusadası/Aydın - Türkiye, 2006.

**OZESEN COLAK, S.**: *Photobacterium damsela* subsp. *piscicida* ile Enfekte Edilen Deniz Levreklerinde Oksitetrasiklinin Tedavi Edici Etkisine Ait Histopatolojik Bulgular. 14. Ulusal Su Ürünleri Sempozyumu, Muğla, 2007.

MUSLU, M.N.; KOC, N.D. and **OZESEN COLAK, S.**: Deltametrin Uygulanan Zebra Balığı Ovaryumlarındaki histolojik değişiklikler 14. Ulusal Su Ürünleri Sempozyumu, Muğla, 2007.

GUVEN, E.; **COLAK, S.** and COLAK, A.: Marine fish culture and alternative species in Aegean Sea. Ulusal Ege Adaları Toplantısı 2001, Bildiriler Kitabı. 10-11 Ağustos 2001, Gökçeada. İ.Ü. Su Ürünleri Fakültesi Temel Bilimler Bölümü, Deniz Biyolojisi Anabilim Dalı, Türk Deniz Araştırmaları Vakfı Yayın No. 7, ISBN- 975-971 32, s. 204-223, 2001.

## PROJECTS

### Contributing Investigator

“Bivalent vaccine development studies against *Lactococcus garvieae* and *Yersinia ruckeri* infections which cause important losses on rainbow trout (*Onchorhynchus mykiss*)” TUBITAK Research Project.

“Doğada ve Yetiştiricilik Koşulları Altında Tutulan Sparidae Familyasına Ait Türlerde, Folikül ve Yumurta Örtülerinin Karşılaştırılması”, Research Fund of the Marmara University.

“Bibliography of aquatic sciences during republic of Türkiye”, Research Fund of the Istanbul University.

“Determination of technical and structural features of marine fish hatcheries in Turkey”, Research Fund of the Istanbul University.

“Sturgeon culture project”. Sector project with.

“Culture of *Acipenser guldenstaedti*” (Project between Private Sector and Fisheries Faculty, Aquaculture Department).

## BOOKS

GUVEN, E. **COLAK, S.**; COLAK, A.: Eel and Its Culture. Ministry of Agriculture and Rural Affairs of Turkey, Bodrum Aquaculture Research Institute Publications Serial A, Publication Number 13, ISBN: 975-407-066-0, 220 pp., 2001.

TIMUR, M.; **COLAK, S.** and DOGAN, K.: Bibliography of Aquatic Sciences Researches in Republic of Turkiye. Istanbul University Fisheries Faculty Pub. No. 4, ISBN 975-404-685-9, 405 pp., 2003.

**OTHERS** Two star CIMAS SCUBA teacher license, driving licence

## **EXPERIENCES**

“Flow Cytometry Training Course” Istanbul University, Institute for Experimental Medicine, Immunology Section 7-9 June 2000, Istanbul, Turkiye.

“Fish Vaccination Training Course” 14-17 April 1998. Wageningen Institute of Animal Sciences, The Netherlands.

“Fish Health and Stress in Aquaculture Training Course” 20-24 January 1997 Wageningen Institute of Animal Sciences, The Netherlands.

“1<sup>st</sup> Stereological Methods and Its Applications” 27-29 August 1997, Ondokuz Mayıs University, Faculty of Medicine, Histology-Embriology Section, Samsun, Turkiye.

**HOBBIES** Wood painting, reading, travelling, tracking, driving.

**SOCIAL** European Aquaculture Society  
International Federation of Societies for Electron Microscopies (IFSEM)  
European Electron Microscopy Society (EUREM)  
International Federation of Societies for Histochemistry and Cytochemistry (IFSHC)  
  
Turkish Society for Electron Microscopy  
Turkish Society for Stereology  
Turkish Society of Immunology  
Association of Aquaculture Engineers  
Chamber of Agricultural Engineers