

## Res. Asst. PhD GAMZE MAZI

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 42326

### Education Information

Doctorate, Cukurova University, Su Ürünleri Fakültesi, Su Ürünleri Temel Bilimleri, Turkey 2012 - 2021

Postgraduate, Cukurova University, Su Ürünleri Fakültesi, Temel Bilimler Bölümü, Turkey 2009 - 2012

Undergraduate, Cukurova University, Su Ürünleri Fakültesi, Temel Bilimler Bölümü, Turkey 2005 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, 4th International Conference On Engineering And Natural Sciences, ICENS, 2018

Education Management and Planning, BİLGİNİN GÜCÜ, YAŞAMARTI, 2018

Education Management and Planning, %100 SÜPER İLETİŞİM, YAŞAMARTI, 2018

Education Management and Planning, STRES YÖNETİMİ, YAŞAMARTI, 2018

Education Management and Planning, POZİTİF ENERJİ YÖNETİMİ, YAŞAMARTI, 2018

Education Management and Planning, ENVIROMENTAL DNA AND METABARCODING UNDERSTANDING AQUATIC BIODIVERSITY, SCIE CENTER SIRACUSA, 2017

Education Management and Planning, ETKİLİ İLETİŞİM VE BEDEN DİLİ, ADANA BÜYÜKŞEHİR BELEDİYESİ, 2017

Education Management and Planning, DÜŞÜNSEL GELECEK TASARIMI VE BAŞARI, AŞKIM KAPIŞMAK AKADEMİ, 2016

Education Management and Planning, PROBLEM ÇÖZME TEKNİKLERİ VE DÜŞÜNCE GÜCÜ, AŞKIM KAPIŞMAK AKADEMİ, 2016

Education Management and Planning, İNSANLARI TANIMA YÖNTEMLERİ VE ZİHİN, AŞKIM KAPIŞMAK AKADEMİ, 2016

Education Management and Planning, MOTİVASYON VE VERİMLİ ÇALIŞMA YÖNTEMLERİ, HIZ AKADEMİ, 2015

Education Management and Planning, ETKİLİ İLETİŞİM STRATEJİLERİ VE BEDEN DİLİ, HIZ AKADEMİ, 2015

Education Management and Planning, İNSANLARI ETKİLEME VE İKNA ETME SANATI, HIZ AKADEMİ, 2015

Occupational Health and Safety, İŞ SAĞLIĞI VE GÜVENLİĞİ, Ç.Ü. SU ÜRÜNLERİ FAKÜLTESİ, 2014

Health&Medicine, DENEY HAYVANLARI KULLANIMI KURSU, ÇUKUROVA ÜNİVERSİTESİ, 2012

Education Management and Planning, MOLEKÜLER BİYOLOJİ YÖNTEMLERİ, TÜBİTAK MARMARA ARAŞTIRMA MERKEZİ GEN MÜHENDİSLİĞİ VE BİYOTEKNOLOJİ ENSTİTÜSÜ, 2011

Occupational Health and Safety, İŞ SAĞLIĞI VE GÜVENLİĞİ TEMEL BİLGİLENDİRME EĞİTİMİ, Z YÖNETİM

DANIŞMANLIĞI, 2010

Occupational Health and Safety, STRATEJİK PAZARLAMA YÖNETİMİ, Z YÖNETİM DANIŞMANLIĞI, 2010

Occupational Health and Safety, ISO 9001 KALİTE YÖNETİM SİSTEMİ, Z YÖNETİM DANIŞMANLIĞI, 2010

Occupational Health and Safety, KALİTE YÖNETİM SİSTEMLERİ İÇ DENETÇİ, Z YÖNETİM DANIŞMANLIĞI, 2010

Occupational Health and Safety, ISO 9001 KALİTE YÖNETİM SİSTEMİ, Z YÖNETİM DANIŞMANLIĞI, 2010

Education Management and Planning, 2008-2009 BAHAR DÖNEMİ ONUR BELGESİ, Ç.Ü. SU ÜRÜNLERİ FAKÜLTESİ, 2009

Education Management and Planning, KARIYER GÜNLERİ'09, ÇUKUROVA ÜNİVERSİTESİ İEEE ÇUKUROVA ÖĞRENCİ KOLU, 2009

Education Management and Planning, 2008-2009 GÜZ DÖNEMİ ONUR BELGESİ, Ç.Ü. SU ÜRÜNLERİ FAKÜLTESİ, 2009

Education Management and Planning, 2007-2008 BAHAR DÖNEMİ ONUR BELGESİ, Ç.Ü. SU ÜRÜNLERİ FAKÜLTESİ, 2008

Occupational Health and Safety, HACCP/ISO FOOD SAFETY MANAGEMENT SYSTEM, ÇUKUROVA ÜNİVERSİTESİ YAŞAM BOYU ÖĞRENME PROGRAMI, 2008

Occupational Health and Safety, HACCP/ISO 22000 GIDA GÜVENLİĞİ YÖNETİM STANDARDI, ÇUKUROVA ÜNİVERSİTESİ YAŞAM BOYU ÖĞRENME PROGRAMI, 2008

Education Management and Planning, 2006-2007 BAHAR DÖNEMİ ONUR BELGESİ, Ç.Ü. SU ÜRÜNLERİ FAKÜLTESİ, 2007

Education Management and Planning, 2006-2007 GÜZ DÖNEMİ ONUR BELGESİ, Ç.Ü. SU ÜRÜNLERİ FAKÜLTESİ, 2007

Education Management and Planning, 2005-2006 BAHAR DÖNEMİ ONUR BELGESİ, Ç.Ü. SU ÜRÜNLERİ FAKÜLTESİ, 2006

## Dissertations

Doctorate, BALIK YEMİ KATKISI  $\beta$ -GLUKANAZ ENZİMLERİ ÜRETEN REKOMBİNANT *Bacillus subtilis* SUŞLARININ GELİŞTİRİLMESİ, Cukurova University, Su Ürünleri Fakültesi, Su Ürünleri Temel Bilimleri, 2012

Postgraduate, Balıklarda yem katkısı olarak kullanılabilen beta(1,3)glukanaz enziminin maya(*S.cerevisiae*)da ekspresyonu ve üretimi olanaklarının araştırılması, Cukurova University, Su Ürünleri Fakültesi, Su Ürünleri Temel Bilimleri, 2009

## Research Areas

Health Sciences, Veterinary Sciences, Zootechnical and Animal Feed, Genetics, Molecular, Agricultural Sciences, Seafood, Natural Sciences

## Academic Titles / Tasks

Research Assistant PhD, Cukurova University, Su Ürünleri Fakültesi, Su Ürünleri Temel Bilimleri, 2010 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **HETEROLOGOUS EXPRESSION OF LICHENASE GENE FROM *Streptococcus bovis* in *Escherichia coli* STRAIN XL1 BLUE MRF'**  
Baylan M., Özcan B. D., Mazı G.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.31, no.5, pp.5185-5191, 2022 (SCI-Expanded)
- II. **Changes of Electrophoretic Protein Profiles of Smoked and Marinated Rainbow Trout (*Oncorhynchus mykiss*) During Refrigerated Storage**  
Baylan M., Mazı G., Özcan N., Ozcan B. D., Akar M., Çoşkun A.  
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.21, no.2, pp.262-269, 2015 (SCI-Expanded)
- III. **SDS-PAGE CHANGES OF RAW, SMOKED AND MARINATED RAINBOW TROUT (*Oncorhynchus mykiss*) DURING FROZEN STORAGE**

## Articles Published in Other Journals

- I. **CONSTRUCTION OF RECOMBINANT YEAST (*Saccharomyces cerevisiae*) PRODUCING  $\beta$ (1.3) GLUCANASE AS A FISH FEED ADDITIVES**  
MAZI G., BAYLAN M., ÖZCAN N.  
SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, vol.LIX, pp.42-47, 2016 (ESCI)
- II. **CONSTRUCTION OF RECOMBINANT YEAST (*Saccharomyces cerevisiae*) PRODUCING  $\beta$ (1.3) GLUCANASE AS A FISH FEED ADDITIVES**  
MAZI G., BAYLAN M., ÖZCAN N.  
SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, vol.59, pp.42-47, 2016 (ESCI)
- III. **Biotechnology Applications in Fish Nutrition**  
BAYLAN M., MAZI G., GÜNDOĞDU S.  
Turkish Journal of Agriculture - Food Science and Technology, vol.3, no.3, pp.112-116, 2015 (Peer-Reviewed Journal)
- IV. **Investigation of the polymorphism of the myostatin gene by using PCR-RFLP in two tilapia species (*Oreochromis aureus* and *Oreochromis niloticus*)**  
BAYLAN M., MAZI G., ÖZCAN N., ÖZCAN B. D., GÜZEL A. İ.  
JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.13, no.2, pp.228-231, 2015 (Peer-Reviewed Journal)
- V. **Investigation of the polymorphism of the myostatin gene by using PCR-RFLP in two tilapia species (*Oreochromis aureus* and *Oreochromis niloticus*)**  
BAYLAN M., MAZI G., ÖZCAN N., ÖZCAN B. D., GÜZEL A. İ.  
JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT, vol.13, no.2, pp.228-231, 2015 (Peer-Reviewed Journal)
- VI. **Investigation of the polymorphism of the myostatin gene by using PCR-RFLP in two tilapia species (*Oreochromis aureus* and *Oreochromis niloticus*)**  
Baylan M., Mazi G., Özcan N., Özcan B. D., Güzel A. İ.  
JOURNAL OF FOOD, AGRICULTURE AND ENVIRONMENT, vol.13, no.2, pp.228-231, 2015 (Peer-Reviewed Journal)
- VII. **Investigation of the polymorphism of the myostatin gene by using PCR-RFLP in two tilapia species (*Oreochromis aureus* and *Oreochromis niloticus*)**  
BAYLAN M., MAZI G., ÖZCAN N., ÖZCAN B. D., GÜZEL A. İ.  
Journal of Food, Agriculture and Environment, vol.13, no.2, pp.228-231, 2015 (Peer-Reviewed Journal)
- VIII. **Investigation of the polymorphism of the myostatin gene by using PCR-RFLP in two tilapia species (*Oreochromis aureus* and *Oreochromis niloticus*)**  
Baylan M., Mazi G., Özcan N., Özcan B. D., Güzel A. İ.  
Journal of Food, Agriculture and Environment, vol.13, no.2, pp.228-231, 2015 (Peer-Reviewed Journal)
- IX. **Balık Beslemede Biyoteknolojik Uygulamalar**  
BAYLAN M., MAZI G., GÜNDOĞDU S.  
Türk Tarım-Gıda Bilim ve Teknolojisi Dergisi, vol.3, no.3, pp.112-116, 2015 (Peer-Reviewed Journal)
- X. **investigation of the polymorphism of the myostatin gene by using PCR RFLP in two tilapia species *oreochromis aureus* and *oreochromis niloticus***  
BAYLAN M., MAZI G., ÖZCAN N., ÖZCAN B. D., GÜZEL A. İ.  
Journal Of Food Agriculture & Environment, vol.13, pp.228-231, 2015 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **Cloning of Lichenase Gene into *Bacillus subtilis* Strain for Fish Probiotics**  
MAZI G., BAYLAN M.

6. International Congress on Environmental Research and Technology (ICERAT'21), Adana, Turkey, 13 - 14 December 2021

- II. **Development of Recombinant *Bacillus subtilis* Producing  $\beta$ -(1,3)-glucanase as a Fish Feed Additive**  
MAZI G., BAYLAN M.

6. International Congress on Environmental Research and Technology (ICERAT'21), Adana, Turkey, 13 - 14 December 2021

- III. **DNA based molecular markers and their application in fisheries and aquaculture**  
BAYLAN M., UZMAY A., MAZI G.

2 nd Aquatic Biotechnology Symposium (AQUABIOTECH 2021), İstanbul, Turkey, 13 - 14 October 2021, pp.38

- IV. **Use of Chicken Egg White Treated Under Different pH Conditions as a Source of Lysozyme in Bacterial DNA Isolation**

BAYLAN M., ÖZCAN B. D., MAZI G., BAYLAN M., ELİF D., NUMAN Ö.

IX. International Multidisciplinary Congress of Eurasia (IMCOFE), PRAG, Czech Republic, 6 - 08 August 2019, pp.204-210

- V. **Partial Characterization of Alpha-amylase Enzyme Produced by Newly Isolated *Bacillus* sp.**

ÖZCAN B. D., BAYLAN M., DIKKAYA E., MAZI G.

X. INTERNATIONAL MULTIDISCIPLINARY CONGRESS OF EURASIA, Prag, Czech Republic, 6 - 08 August 2019, pp.175-181

- VI. **GENERATION AND CHARACTERIZATION OF *Bacillus subtilis* MUTANT STRAINS PRODUCING BETA (1,4) GLUCANASE CMCase WITH ETHIDIUM BROMIDE APPLICATION**

SEZAN A., BAYLAN M., MAZI G.

II. International Fisheries Symposium - IFSC 2018, Girne, Cyprus (Kktc), 4 - 08 November 2018, pp.122

- VII. **Microstallite Analysis of Genetic Diversity in the Two Banded Seabream (*Diplodus vulgaris*) in East Mediterranean Coast in Turkey**

UZMAY A., BAYLAN M., MAZI G.

INTERNATIONAL MARINE & FRESHWATER SCIENCES SYMPOSIUM PROCEEDINGS (MARFRESH2018), Antalya, Turkey, 18 - 21 October 2018, pp.167

- VIII. **ISOLATION OF FEED ADDITIVE LICHENASE PRODUCING BACTERIA AND PARTIAL CHARACTERIZATION OF THE ENZYME**

ÖZCAN B. D., Yücel H., BAYLAN M., MAZI G., Dikkaya E.

The 4th International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 2 - 06 May 2018, pp.203

- IX. **BETA-GLUCAN USAGE IN ANIMAL BREEDING AND ITS ROLE IN THE IMMUNE SYSTEM**

MAZI G., BAYLAN M., ÖZCAN B. D.

The 4th International Conference on Engineering and Natural Sciences (ICENS), Kiev, Ukraine, 2 - 06 May 2018, pp.184

- X. **ELECTROTRANSFORMATION OF BETA-(1,3-1,4)-GLUCANASE (LICHENASE) GENE INTO *BACILLUS SUBTILIS* RSKK246 STRAIN**

ÇAM Ö. A., BAYLAN M., MAZI G.

IV INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), Kyiv, Ukraine, 2 - 06 May 2018, pp.208

- XI. **Study on the Polymorphism of MSTN gene in *Salmo trutta*, *Dicentrarchus labrax* and *Oreochromis aureus***

BAYLAN M., MAZI G., ÖZCAN B. D., ÖZCAN N., GÜNDOĞDU S.

The International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOT), Nevşehir, Turkey, 15 - 17 May 2017, vol.1, pp.1064

- XII. **MICROSATELLITE MARKERS IN AQUACULTURE**

BAYLAN M., MAZI G., ÇAM Ö. A.

International Symposium on Fisheries and Aquatic Sciences, Antalya, Turkey, 3 - 05 November 2016

- XIII. **CONSTRUCTION OF RECOMBINANT YEAST *Saccharomyces cerevisiae* PRODUCING 1 3 GLUCANASE AS A FISH FEED ADDITIVES**

MAZI G., BAYLAN M., ÖZCAN N.

AGRICULTURE FOR LIFE, LIFE FOR AGRICULTURE, 9 - 11 June 2016

**XIV. THE FINGERPRINTS OF BIODIVERSITY DNA BARCODING**

BAYLAN M., MAZI G., ÇAM Ö. A.

ICAVST (International Congress on Advances in Veterinary Sciences and Technics), Sarajevo, Bosnia And Herzegovina, 25 - 29 August 2016

**XV. CONSTRUCTION OF RECOMBINANT YEAST *Saccharomyces cerevisiae* PRODUCING 1 3 GLUCANASE AS A FISH FEED ADDICTIVES**

MAZI G., BAYLAN M., ÖZCAN N.

The International Conference of the University of Agronomic Sciences and Veterinary Medicine of Bucharest AGRICULTURE FOR LIFE, LIFE FOR AGRICULTURE, Bükreş, Romania, 9 - 11 June 2016, pp.14

**XVI. Balık yemi katkısı olarak beta 1 3 glukanaaz üreten rekombinant maya *Saccharomyces cerevisiae* nin oluşturulması**

MAZI G., BAYLAN M., ÖZCAN N.

18. ulusal su ürünleri sempozyumu, İzmir, Turkey, 1 - 04 September 2015

**XVII. Balık Yemi Katkısı Olarak beta 1 3 Glukanaz Üreten Maya *Saccharomyces cerevisiae* nin Oluşturulması**

MAZI G., BAYLAN M., ÖZCAN N.

18. Ulusal Su Ürünleri Sempozyumu, İzmir, Turkey, 1 - 04 September 2015

**XVIII. Balık Yemi katkısı olarak B(1-3)Glukanaz üreten Maya( *Saccharomyces cerevisiae*) oluşturulması (poster)-Özet**

MAZI G., BAYLAN M., ÖZCAN N.

18. Su Ürünleri Sempozyumu, İzmir, Turkey, 1 - 04 September 2015, vol-

**XIX. investigation on the polymorphism of myostatin gene by using PCR RFLP in two different species *tilapia oreochromis aureus* and *oreochromis niloticus***

BAYLAN M., MAZI G., ÖZCAN B. D., ÖZCAN N., GÜZEL A. İ.

international symposium on fisheries and aquatic sciences, Trabzon, Turkey, 25 - 27 September 2014

**XX. Investigation of the Polymorphism of the Myostatin Gene by Using PCR RFLP in Two *Tilapia* Species *Oreochromis aureus* and *Oreochromis niloticus***

BAYLAN M., MAZI G., ÖZCAN B. D., ÖZCAN N., GÜZEL A. İ.

FABA-International Symposium on Fisheries and Aquatic Sciences, Trabzon, Turkey, 25 - 27 September 2014

**XXI. Balık Beslemede Biyoteknolojik Uygulamalar**

BAYLAN M., MAZI G., GÜNDOĞDU S.

5. Doğu Anadolu Bölgesi Su Ürünleri Sempozyumu, Elazığ, Turkey, 31 May - 02 June 2014

**XXII. Constraction of pRS416G Vector for use as feed additive of beta 1 3 Glucanase in Culture of marine and fresh water fish**

MAZI G., BAYLAN M., ÖZCAN N.

First National Workshop on Marine Biotechnology and Genomics, Muğla, Turkey, 24 - 25 April 2012, pp.186-194

## Other Publications

**I. Constraction of pRS416G Vector for Use as Feed Additive of  $\beta$ -1,3 Glucanase in Culture of Marine and Fresh Water Fish**

MAZI G., BAYLAN M., ÖZCAN N.

Presentation, pp.186-194, 2012

## Supported Projects

ÖZCAN B. D., MAZI G., BAYLAN M., DİKKAYA E., Project Supported by Higher Education Institutions, Genetik Mühendisliği

Yöntemleri ile Yem Katkısı Enzimleri Üreten Bakterilerin Geliştirilmesi, 2019 - 2022

BAYLAN M., ÖZCAN B. D., GÜNDOĞDU S., MAZI G., Project Supported by Higher Education Institutions, Türkiye'nin Doğu Akdeniz Kıyılarında Yayılım Gösteren İki Diplodus Populasyonunda DNA Barkodlama ve Filogenetik analiz, 2017 - 2021

BAYLAN M., MAZI G., Project Supported by Higher Education Institutions, BALIK YEMİ KATKISI  $\beta$ -GLUKANAZ ENZİMLERİ ÜRETEN REKOMBİNANT *Bacillus subtilis* SUŞLARININ GELİŞTİRİLMESİ, 2015 - 2021

BAYLAN M., MAZI G., BAYLAN M., ÖZCAN B. D., Project Supported by Higher Education Institutions, YUMURTA AKI LİZOZİMİNİN FİZİKSEL VE BİYOTEKNOLOJİK YÖNTEMLERLE EKONOMİK SAFLAŞTIRILMASI ÜZERİNE BİR ARAŞTIRMA, 2016 - 2019

BAYLAN M., Çam Ö. A., MAZI G., Project Supported by Higher Education Institutions, Genetik mühendisliği teknikleri ile yem katkıları balık probiyotiklerinin oluşturulması, 2016 - 2019

BAYLAN M., MAZI G., ÖZCAN N., Project Supported by Higher Education Institutions, Construction of Recombinant Yeast *Saccharomyces cerevisiae* Producing B (1-3) Glucanase as a Fish Feed Additives, 2016 - 2016

BAYLAN M., GÜNDOĞDU S., MAZI G., Project Supported by Higher Education Institutions, Bikimsel Yayın desteği, 2016 - 2016

BAYLAN M., MAZI G., GÜNDOĞDU S., Project Supported by Higher Education Institutions, Alabalık ( *Salmo Trutta* ) ve Levrekte ( *Dicentrarchus Labrax* ) Myostatin Gen Polimorfizminin Araştırılması, 2013 - 2016

## Metrics

Publication: 39

Citation (WoS): 2

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1

## Congress and Symposium Activities

VII. Çukurova Biyoteknoloji Günleri, Attendee, Adana, Turkey, 2019

II. International Fisheries Symposium, Attendee, Girne, Cyprus (Kkct), 2018

International Marine and Freshwater Sciences Symposium, Attendee, Antalya, Turkey, 2018

4th International Conference On Engineering And Natural Sciences, Attendee, Kyiv, Ukraine, 2018

6. ULUSLARARASI KATILIMLI ÇUKUROVA BİYOTEKNOLOJİ GÜNLERİ, Attendee, Adana, Turkey, 2018

5. ÇUKUROVA BİYOTEKNOLOJİ GÜNLERİ, Attendee, Adana, Turkey, 2017

FABA 2016: INTERNATIONAL SYMPOSIUM FISHERIES AND AQUATIC SCIENCE, Attendee, Antalya, Turkey, 2016

4. BALIK BESLEME VE YEM TEKNOLOJİSİ ÇALIŞTAYI, Attendee, Adana, Turkey, 2016

INTERNATIONAL CONGRESS ON ADVANCES IN VETERINARY SCIENCES AND TECHNICS, Attendee, Sarajevo, Bosnia And Herzegovina, 2016

AGRICULTURE FOR LIFE , LIFE FOR AGRICULTURE, Attendee, Bucuresti, Romania, 2016

4. ÇUKUROVA BİYOTEKNOLOJİ GÜNLERİ, Attendee, Turkey, 2016

18. ULUSAL SU ÜRÜNLERİ SEMPOZYUMU, Attendee, İzmir, Turkey, 2015

3. ÇUKUROVA BİYOTEKNOLOJİ GÜNLERİ, Attendee, Turkey, 2015

13.ÇUKUROVA YÜKSEKÖĞRENİM TANITIM GÜNLERİ, Attendee, Turkey, 2015

"FABA 2014: INTERNATIONAL SYMPOSIUM ON FISHERIES AND AQUATIC SCIENCES", Attendee, Trabzon, Turkey, 2014

DOĞU ANADOLU BÖLGESİ 5. SU ÜRÜNLERİ SEMPOZYUMU, Attendee, ELAZIĞ, Turkey, 2014

12.ÇUKUROVA YÜKSEKÖĞRENİM TANITIM GÜNLERİ, Attendee, Turkey, 2014

2. ÇUKUROVA BİYOTEKNOLOJİ GÜNLERİ, Attendee, Turkey, 2014

1. ÇUKUROVA BİYOTEKNOLOJİ GÜNLERİ, Attendee, Turkey, 2013

2. ÇUKUROVA BİYOTEKNOLOJİ GÜNLERİ, Attendee, Turkey, 2013

2. SU ÜRÜNLERİ KARIYER GÜNÜ, Attendee, Adana, Turkey, 2012

FIRST NATIONAL WORKSHOP ON MARINE BIOTECHNOLOGY AND GENOMICS, Attendee, MUĞLA, Turkey, 2012

16. ULUSAL SU ÜRÜNLERİ SEMPOZYUMU, Attendee, Antalya, Turkey, 2011

KARİYER GÜNLERİ, Attendee, Adana, Turkey, 2009

### **Non Academic Experience**

çukurova üniversitesi, araştırma görevlisi