

PERSONAL INFORMATION

Name/Family Name:	Dr. Gülsüm BALÇIK MISIR	
Title:	Food Engineer	
Department:	Food Technologies	
E-mail:	gulsum.balcikmisir@tarim.gov.tr gulsum61balcik@gmail.com	
Phone:	0462 341 10 53 / 3091	
Birth Date/Place:		

EDUCATIONAL INFORMATION

Bachelor's Degree	
University Academic Unit Graduation Year	Ege University Faculty of Engineering / Department of Food Engineering 1994
MSc	
University Academic Unit Graduation Year	Karadeniz Technical University Faculty of Engineering / Fisheries Technology Department 2010
PhD	
University Academic Unit Graduation Year	Recep Tayyip Erdoğan University Institution of Applied Sciences / Fishing and Fish Processing Technology 2019

FOREIGN LANGUAGE

English	76-University Foreign Language Exam (UDS), 71 - Foreign Language Exam (YDS)
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TASKS

Institution	Title	Year
Central Fisheries Research Institute, Trabzon	Researcher	1997- Present

PUBLICATIONS

International Publications

SCI, SCI-expanded, SCI and AHCI Papers:

Balcik Misir, G. and Koral, S., 2019. Effects of ultrasound treatment on biochemical, structural, functional properties and antioxidant activity of protein hydrolysate of rainbow trout (*Oncorhynchus mykiss*) by-products. Italian Journal of Food Science, 31, 2, DOI: 10.14674/IJFS-1218

Tufan , B. **Balçık Mısır G.** and Köse S. 2018. Comparison of Seasonal Fatty Acid Composition in Relation to Nutritional Value of Three Commercial Fish Species Caught from Different Zones of Eastern Black Sea, Aquatic Sciences and Engineering, 33, 1, 11 – 19 DOI: 10.18864/ASE201803

Balcik Misir, G. 2018. Molecular Technologies and Applications in Seafood Safety. Genetics of Aquatic Organisms, 2, 61-67. http://doi.org/10.4194/2459-1831-v2_2_01

Dagtekin, M., Ozyurt, C. E., Misir, D. S., Altuntas, C., Cankaya, A., **Misir, G. B.**, & Aydin, E. Rate and Causes of Lost" Gillnets and Entangling Nets" in The Black Sea Coasts of Turkey. Turkish Journal of Fisheries and Aquatic Sciences, 19(8), http://doi.org/10.4194/1303-2712-v19_8_08

Balcik Misir, G¹., Tufan, B². and Köse S^{2*}. 2014. Monthly variation of total lipid and fatty acid contents of Atlantic bonito, *Sarda sarda* (Bloch, 1793) of Black Sea, International Journal of Food Science & Technology, 49, 2668-2677, DOI: 10.1111/ijfs.12578.

Balcik Misir, G^a., Tufan, B^b. and Köse S^{b*}. 2014. Variations in Total Lipid and Fatty Acid Contents of Edible Muscle, Liver and Roes of Spotless Shad, *Alosa immaculata* during Catching Season in Black Sea DOI: 10.1080/10498850.2013.816402

Balçık Misir, G., Kutlu, S. and Çibuk, S. 2013. Determination of Total Lipid and Fatty Acid Composition of Pearl Mullet (*Chalcalburnus tarichi*, Pallas 1811), Turkish Journal of Fisheries and Aquatic Sciences 13: (777-783), www.trjfas.org ISSN 1303-2712 DOI: 10.4194/1303-2712-v13_5_01

International refereed Articles

Balcik Misir, G. (2018). Molecular Technologies and Applications in Seafood Safety. Genetics of Aquatic Organisms, 2, 61-67. http://doi.org/10.4194/2459-1831-v2_2_01

Dagtekin (Gozu), B.B., **Balçık Misir, G.**, Kutlu, S., Basturk O., (2018). Comparison of Biochemical, Fatty Acids and Lipid Quality Indexes of Prussian Carp (*Carassius gibelio*) Caught from Lake Çıldır on Different Seasons, MedFAR., 1(1):2-14.

Balcik Misir, G., Kutlu, S., Erteken, A., Yaman, M. And Akkus Cevikkalp, S. 2017. Comparison of flesh quality of deep water pink shrimp (*Parapenaeus longirostris*, Lucas 1846) from Marmara, Aegean and Mediterranean Seas in Turkey" J Food Nutr Disor 2017, 6:510.4172/2324-9323.1000235

International Symposiums, Meetings and Conferences:

Oral presentations

Balcik Misir, G. (2018). Global and Turkish Seafood Processing Sectors, Design of Innovative Foods, Trabzon- DIF 2018 Workshop, May, 11 2018 (Oral Presentation).

Balcik Misir, G. (2018). Global Protein Hydrolysate market and Research studies of FPH in Turkey, Design of Innovative Foods, Trabzon- DIF 2018 Workshop, May, 11 2018 (Oral Presentation).

Erik, G., Aydın, İ., Dağtekin M., Genç, Y., Çankaya A., Mısır, D.S., Kutlu S., **Balçık Misir G.**, Özyayın E., & Özkaya E. (2018). Monitoring of Rapa Whelk Fisheries in the Black Sea. General Fisheries Commission for the Mediterranean (GFCM), Subregional Group on Stock Assessment in the Black Sea (SGSABS), 26 Nov-01 Dec 2018, Constanta, Romania (Oral Presentation).

D. Selim MISIR Cemil ALTUNTAŞ Caner Enver ÖZYURT, Murat DAĞTEKİN, Yaşar GENÇ N. Selda BAŞÇINAR Nazlı KASAPOĞLU Murat ERBAY **Gülsüm BALÇIK MISIR** Erdiñç AYDIN, 2017. Av Verimi ve Boy Seçiciliği Açısından, Sade Multifilament Uzatma Ağları ile Sade Monofilament Uzatma Ağları Arasında Fark Var mı? ISS2017, 2nd International Symposium on Science Festival Tbilisi/Georgia, 05-08 Sept. 2017

Poster presentations

Misir, D. S., Altuntas, C., Ozyurt, C. E., Dagtekin, M., Genc, Y., Bascinar, N. S., Erbay, M., Kasapoglu, N., **Balcik Misir, G.**, Aydin, İ. (2018). What Should Be The Minimum Landing Size and Minimum Mesh Size in The Whiting Fisheries with Gillnets on Black Sea. Forum on Fisheries Science in the Mediterranean and the Black Sea "FISH FORUM 2018", 10-14 December 2018, FAO Headquarters, Rome, Italy (Poster)

Mısır, D. S., Altuntas, C., Ozyurt, C. E., Dagtekin, M., Bascinar, N. S., Genc, Y., Erbay, M., Kasapoglu, N., & **Mısır, G. B.** (2018). Effect of Fishing Net Material on Size Selectivity. 2nd International Congress on Advances in Bioscience and Biotechnology (ICABB), Symposium Abstract Book, 40. June 26-30, 2018 Podgorica, Montenegro. (Poster)

Dağtekin M., Çankaya A., Mısır D.S., Altuntaş C., **Balçık Mısır G.**, Aydın E., Erik G., 2017. Economic Analysis of Rapa Whelk Fisheries, General Fisheries Commission for the Mediterranean (GFCM), Subregional Group on Stock Assessment in the Black Sea (SGSABS) 4-9 Dec 2017 Batumi, Georgia

Balcık Misir, G. Dağtekin, B.B. 2017. Evaluation Possibilities of Fish Processing By-Products and Underutilized Fish as Value Added Products, 19th International Conference on food processing & technology October 23-25, 2017 Paris, France

Balcık Misir, G. 2015. Innovative Packaging Solutions for Seafood: Active Packaging, MOCADESU 2015, 1st International Conference on Sea and Coastal Development in the Frame of Sustainability, Abstract Book, 197 p

Kutlu, S., Yeşilsu, A.F., **Mısır-Balçık, G.**, Alp, E., Erteken, A., Türe, M., Dağtekin, M., **2015.** Determination of Storage Stability of Hot Smoked Atlantic Bonito and Trout with Different Wood Chips. 1st International Conference on Sea and Coastal Development in the Frame of Sustainability, (MACODESU-2015), 18-20 September 2015, Trabzon, Turkey. Abstract Book, p:189. (Poster).

Kutlu, S., Dağtekin, M., **Mısır-Balçık, G.**, Yeşilsu, A.F., Alp, E., Erteken, A., **2015.** Determination of Consumer Trends on Shad an Seabass Smoked with Beech and Oak Sawdust. 1st International Conference on Sea and Coastal Development in the Frame of Sustainability, (MACODESU-2015), 18-20 September 2015, Trabzon, Turkey. Abstract Book, p:186. (Poster).

Kutlu, S. **Balçık Mısır G.** and Erteken, A. 2011. Method Validation Studies on Fatty Acid Analysis in the Turkish Food Database, International Food Congress: Novel Approaches in Food Industry "NAFI 2011"

BALÇIK MISIR, G., KUTLU, S., AYYILDIZ, H. 2014 Fish Consumption Preferences Of Consumers In Trabzon Province, Turkey Faba 2014: International Symposium On Fisheries And Aquatic Sciences, Bildiriler Kitapçığı 25-27 September 2014 / Trabzon Sayfa 471-472

Kutlu, S., **Balcık Misir, G.**, Erteken, A., Yaman, M. 2014. The Nutrient Composition Of Some Economic Marine Fish In Turkey Faba 2014: International Symposium On Fisheries And Aquatic Sciences, Bildiriler Kitapçığı 25-27 September 2014 / Trabzon, Sayfa 485

TUFAN, B., **BALÇIK MISIR, G.**, KÖSE, S. 2014. Comparison of Seasonal Fatty Acid Composition Of Three Fish Species Living In Different Zones Of Eastern Black Sea, FABA 2014: International Symposium on Fisheries and Aquatic Sciences, Bildiriler Kitapçığı 25-27 September 2014 / Trabzon sayfa 148

National Publications

National Papers:

BALÇIK MISIR, G., KUTLU, S., AYYILDIZ, H., 2015. Fish Consumption Preferences of Consumers in Trabzon, Turkey, Yunus Araştırma Research Bulletin, 2015(2) 45-57.

BALÇIK MISIR, G. 2014. Lipids, fatty acids and their some important metabolic functions in Fish, Yunus Research Bulletin, 1:51-61.

Balçık Mısır G., 2012. Some Functional foods and Food Ingredients Originated from Sea, Yunus Research Bulletin, 12 (1): 1-7.

BALÇIK MISIR, G. 2010. HACCP in Food Safety, Food Safety Periodic, 4(11) 28-29 p. May-August 2010.

Yaman, M., Akkuş, S., Erdoğan, Ş., Işık, T., Arslan, F., Kutlu, S., Erteken, A., Balçık Mısır, G., 2009. Homogenisation Validation Report on Foods, TÜBİTAK TARAL 1007 107G208, Gebze Kocaeli

BALÇIK MISIR, G. 2008. HACCP Food Safety and Risk Management System, Yunus Research Bulletin, September, 2008.

KUTLU, S. ve **BALÇIK MISIR, G.** 2007. Development of Seafood Processing and Evaluation Facilities in our Region, Yunus Research Bulletin, 1:15-16, March, 2007.

KUTLU, S. and **BALÇIK MISIR, G.** 2007. Development of Sea Food Sector in the Black Sea, Yunus Research Bulletin December, 2007

BALÇIK, G. 2002. Behind the Workshop, Yunus Research Bulletin, Vol. 2, no.4, 4-5 p. December 2002.

Balçık, G. (Eds), 2000. Su Ürünleri Merkez Araştırma Enstitüsü, "Central Fisheries Research Institute" 1987-2000, Trabzon1-14

National Symposiums, Meetings and Conferences:

Çankırılıgil E. C., Güven, A. **Balçık Mısır, G.** 2017. Kültüre Alınan Altınbaş Kefalin (*Liza aurata*) Kas Dokusu ve Atıklarının Amino Asit Kompozisyonunun Belirlenmesi, 19. Ulusal Su Ürünleri Sempozyumu, 12-15 Eylül 2017, Poster sunumu

Balçık Mısır, G. 2015. An Environmental Friendly Application Using By-Products and Wastes "Fish Protein Hydrolysate" Ecology 2015 Symposium Proceedings Abstract Book, Page 309.

Kutlu, S. ve **Balçık Mısır***, **G.** 2015. "National Food Composition Database "Turkomp" 18. National Fisheries Symposium, Proceedings Abstract Book, Page 294.

Dağtekin*, B. B. **Balçık Mısır, G.** ve Kutlu, S. 2015. Seasonal Changes in Lipid Quality Indexes of Prussian Carp (*Carassius gibelio*, Block 1782) 18. National Fisheries Symposium, Proceedings Abstract Book, Page 293.

Dağtekin, B.B, **Balçık Mısır, G.** ve Kutlu S. 2014. Seasonal Changes in biochemical and fatty acids composition of Prussian carp (*Carassius gibelio* Bloch,1782), 5. East Anatolia Region Fisheries Symposium Proceedings Book, pages 262-263

Dağtekin, B.B, **Balçık Mısır, G.** ve Kutlu S. 2014. Seasonal Variations of the biochemical and Fatty Acid Composition of Prussian Carp (*Carassius gibelio* Bloch,1782) inhabiting in Lake Çıldır, 5. East Anatolia Region Fisheries Symposium Proceedings Book, pages 264-265.

Balçık Mısır, G., Kutlu, S. ve Çibuk, S. 2013. "Determination of total Lipids and Fatty Acids composition of Pearl mullet (*Chalcalburnus tarichi*) FABA Fisheries and Aquatic Sciences Symposium, Proceedings Book, 30 May-1 June 2013, Erzurum page 427

TAGEM The Effect of Ultrasound Assisted Protein Hydrolyzate Production and the Possibility of Use in Some Processed Foods Proje Leader (2019-)

TÜBİTAK-2221- Fish Protein Hydrolysate Added Food Formulation and Optimization (2018)

TAGEM Determination of Storage Stability of Protein Isolates and Hydrolyzates Obtained from Sprat (*Sprattus sprattus* L., 1758(2018-) Araştırmacı

TAGEM-Doğu Karadeniz Kıyı Şeridi Makroalg Türlerinin Biyokimyasal İçeriklerinin Belirlenmesi Araştırmacı (2018-)

Tagem- Monitoring economically important pelagic fish stocks in the Black Sea (2018-)

TAGEM Parameters that can be a Criteria for Supporting Young Farmers in the TR90 Region and Determining the Trends of the Youth in Agriculture (2017-)

TAGEM Country Guided Project "Determination of the parameters that can be benchmarks for young farmers' support and the tendency of young people to be in agriculture" Sub-Project Researcher (2017-)

TAGEM Monitoring of *Rapana venosa* (*Rapana valenciennes*, 1846) Fisheries in the Black Sea (2016-)

TAGEM /HAYSÜD -Development of Farming Methods of Turbot (*Psetta maxima*) – Researcher - (2011-2013)

TAGEM-Development and Farming of Protection Strategy of Sturgeon) – Researcher - (2011-2013)

TAGEM-Determination of Storage Stability and Consumer Acceptance of Some Smoked Fish Species in Eastern Black Sea Preliminary) – Researcher - (2013-2015)

TR90/Fish Consumption Preferences of Consumers Living in Trabzon Province –Project Leader DOKA Technical Support Project of DOKA 2014

TAGEM-Investigation of the Effect of the Black Sea and the Fishery Extension Net” project-Researcher (2014-)

TAGEM-Investigation of aquaculture Possibilities of Red snapper (*Chelidonichthys lucerna* L., 1758) - Researcher (2014-)

Fisheries Sector Report of TR90 Region –Researcher 2012 DOKA Direct Activity Support

TARAL 1007 - Determination of National Food Composition and Formation of a Widely Available and Sustainable System, National Project, District Chief, Researcher (2008-2012)

TAGEM- Anchovy Monitoring in the Eastern Black Sea Project (2006-)

“The Technical Development of Sustainable Seed Production for Black Sea Turbot” International Project Japan International Corporation Agency Project Coordinator (2002–2005)

“The Fish Culture Development Project in the Black Sea” International Project Cooperation with Japan International Corporation Agency-JICA Proje Sekretariat (1997-2002)

OTHER

Administrative

Project Office personnel

Editorial

Turkish Journal of Fisheries and Aquatic Sciences – Manager Editor (2016-2018)

Genetics of Organisms (Genaqua) Manager Editor (2017-)

Current Investigations in Agriculture and Current Research (CIACR) Journal Section Editor (2017-)

Turkish Journal of Fisheries and Aquatic Sciences – Technical Editor (2000-2016)

Oceanography & Fisheries –Associate Editor (2016-)

Yunus Research Bulletin - Production Editor (2001-2011)