



**TAGEM**  
R&D AND INNOVATION

CENTRAL RESEARCH INSTITUTE FOR FIELD CROPS  
ANKARA / TURKEY

## DÖNÜŞ ERMIŞER, MSc Agricultural Engineer

### EDUCATION

- PhD** Bolu Abant İzzet Baysal University-Food Engineering  
2020-Ongoing
- MSc** Bolu Abant İzzet Baysal University-Food Engineering  
2014- 2019
- Bachelor's Degree** Ankara University- Food Science and Technology  
1993

**LANGUAGE** English-YÖKDİL-57,5

### CAREER

- 1997-2001/ Classroom Teacher / MEB Siirt Provincial  
Directorate of National Education-Siirt
- 2002-2004/ Agricultural Engineer / Nigde Directorate of  
Provincial Agriculture and Forestry -NiğDE
- 2004-... / Researcher (Agricultural Engineer) - Ministry of  
Food and Forestry, Central Research Institute for Field  
Crops, "Quality Evaluation Department" (Ankara/Turkey)

### ABOUT ME

She was born in 1969 in Ankara. She graduated from Ankara University Faculty of Agriculture in 1993.

He started his professional education in 2002 as an Agricultural Engineer at the Niğde Provincial Directorate of Agriculture.

She completed her master's degree in Bolu Abant İzzet Baysal University, Department of Food Engineering. She continues her PhD education at the same university.

She has been working as a researcher at the Field Crops Central Research Institute since 2004. She took part in grain quality and technology projects in the Quality and Technology Department.

### CONTACT



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## DÖNÜŞ ERMIŞER, MSc Agricultural Engineer



### ■ **PROJECTS**

#### ■ **Projects Conducted**

1. Determination of Yield and Quality Characteristics of Bread Wheat Varieties Organically Grown in Ankara Ecological Conditions , , TAGEM, Researcher, ( 2012-2018).
2. Investigation of the Possibilities of Using Hulless Barley in Pasta Production, TAGEM, Project Leader, (2017-2019).
3. Determination of the Response of New Improved Wheat Varieties to Nitrogen Fertilization Investigation of Sowing Time and Sowing Frequency,TAGEM, , Researcher, (2016-2018),
4. Gateway Agricultural Research Institute Barley Quality Studies ,TAGEM, Researcher, (2013-2017).
5. National Winter Bread Wheat Quality Research, TAGEM, Researcher (2013-2017)
6. National Spring Bread Wheat Quality Research, TAGEM, Researcher (2013-2017)
7. National Winter Durum Wheat Quality Research, TAGEM, Researcher (2013-2017)
8. National Spring Durum Wheat Quality Research, TAGEM, Researcher (2013-2017)
9. National Winter Barley Research, TAGEM, Researcher (2013-2017)
10. National Spring Barley Quality Research, TAGEM, Researcher (2013-2017)
11. National Food Legumes Quality Research, TAGEM, Researcher (2014-2018)
12. National Winter Bread Wheat Quality Research, TAGEM, Researcher (2008-2012)
13. National Spring Bread Wheat Quality Research, TAGEM, Researcher (2008-2012)
14. National Winter Durum Wheat Quality Research, TAGEM, Researcher (2008-2012)
15. National Spring Durum Wheat Quality Research, TAGEM, Researcher (2008-2012)
16. National Winter Barley Quality Research, TAGEM, Researcher (2008-2012)
17. National Spring Barley Quality Research, TAGEM, Researcher (2008-2012)
18. National Food Legumes Quality Research, TAGEM, Researcher (2008-2012)

#### **Ongoing Projects**

1. Middle Anatolian Barley Quality Studies, TAGEM, Project Leader, (2018-2022).
2. Barley Crop Rotation In Middle Anatolia Region , TAGEM, Researcher, (2020-2024).
3. Removing Antinutritional Compounds of Buckwheat by Different Methods and its Utilization in Gluten-Free Bread Production, TUBİTAK, , Researcher, (2022-2023).



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### ■ **PUBLICATIONS**

#### ■ **INTERNATIONAL ARTICLES AND PAPERS**

##### ■ **Articles Published in International Journals**

1. Ermişer, D. ve Yalçın, E.,2021. Dietary fibre, protein profile and technological characteristics of durum spaghetti enriched with refined / whole grain hull-less barley flour Journal of Cereal Science 102 103315
2. Arı, A., Ertürk Arı P., Ermişer D., Cındık B., Yalçın E., 2021 Multi-elemental characterization of semolina samples by inductively coupled plasma-tandem mass spectrometry (ICP-MS/MS) Biological Trace Element Research.

##### ■ **International Papers, Seminars, etc.**

1. Ermişer D., Yalçın E., Cındık B. 2021, Total, Soluble And Insoluble Dietary Fibre Contents Of Spaghetti Containing Hull-Less Barley Flour 14th Baltic Conference On Food Science And Technology Foodbalt Sustainable Food For Conscious Consumer Book Of Abstracts 114s) Oral presentation.
2. Ermişer D.<sup>1</sup>,Güler S.<sup>1</sup>, Şanal T.<sup>1</sup>, Aydoğan S.<sup>1</sup>, Ergun N.<sup>1</sup>, Sayım İ.<sup>1</sup>. Evaluation Of Some Technological Quality Parameters Of Advanced Barley Lines And Cultivars . 2.International Plant Breeding Congress and Eucarpia-Oil and Protein Crops Section Conference 1-5 November 2015,Antalya, Turkey, 407p
3. Güler S.<sup>1</sup>, Ermişer D.<sup>1</sup>, Şanal T.<sup>1</sup>, Sayım İ.<sup>1</sup>, Ergun N.<sup>1</sup>, Aydoğan S. Determination of Quality Traits of Some Malting Barley Varieties and Lines2.International Plant Breeding Congress and Eucarpia-Oil and Protein Crops Section Conference 1-5 November 2015,Antalya, Turkey, 403p
4. Sinan AYDOĞAN, Namuk ERGÜN, İsmail SAYIM, Taner AKAR, Turgay ŞANAL, Safure GÜLER, Dönüş ERMİŞER. Use of Index Selection Methods for Determination of High Yielding and Quality Feed Barley Genotypes . 15th ICC Cereal and Bread Congress and Breeding (Short Presentations), 18-21 April, 2016, İstanbul, Turkey, 129p
5. Güler, S., Seis Subaşı, A., Ermişer, D., Şanal, T., Akar, T., Sayım, İ., Aydoğan, S., Ergün, N. 2017. Diastatic power of barley genotypes grown in different locations of Turkey. 16<sup>th</sup> European Young Cereal Scientists and Technologists Workshop. 18-21 April. Thessaloniki, Greece, (*Oral Presentation*)
6. Güler, S., Ermişer, D., Şanal, T., Aydoğan, S., Ergün, N. 2017. Malt Extract Yield of Barley Genotypes and Ecologies of Middle Anatolia Region. 2<sup>nd</sup> International Balkan Agriculture Congress. May 16-18, Tekirdağ, (*Poster Presentation*).

##### ■ **NATIONAL ARTICLES AND PAPERS**

##### ■ **Articles Published in National Journals**

1. Ermişer D., Yalçın E., 2020 Spagetti Makarna Üretiminde Kavuzsuz Arpa Kullanımı ,Türkiye 13. Gıda Kongresi; Çanakkale TGK13 S117 (Sözlü sunum).
2. Güler, S., Ermişer, D., Şanal, T., İmamoğlu, A., Kendal, E. 2017. Güneydoğu Anadolu Ve Ege Bölgesinde Arpa Genotiplerinin Maltlık Kalite Özelliklerinin Belirlenmesi. Türkiye 12. Tarla Bitkileri Kongresi. 12-15 Eylül, Kahramanmaraş, (*Poster Bildiri*).



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▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. Ermişer, D., 2019. Utilization of native hull-less barley (Özen cv.) in the production of spaghetti pasta and investigation of some quality properties. Master Thesis. Bolu Abant İzzet Baysal University, Department of Food Engineering, p. 103, Bolu.



## DÖNÜŞ ERMiŞER

### Agricultural Engineer



#### ▪ Membership, Training, Course, Meeting, Congress, Symposium and Other Activities

1. CEM Mars 6 Microwave System User Training, Aralık 2021, CEM Service, Terra, ANKARA.
2. "Method Validation and Measurement Uncertainty Calculation" Training Program, 25.03.2019-28.03.2019 (4 days), Ankara, Sart Consultancy.
3. "Traceability of Measurements" Training Program, 29.03.2019-01.04.2019 (4 days), Ankara, Sart Consultancy.
4. "Internal Audit" Training Program, 04.04.2019-04.04.2019 , Ankara, Sart Consultancy
5. "TSE EN ISO/IEC 17025:2017 "General Requirements for Competence of Experiment and Calibration Laboratories" Educational program, 04.03.2019- 06.03.2019 , Ankara, Sart Consultancy.
6. "Internal Quality Control" Educational program, 02.04.2019-03.04.2019 (2 days), Ankara, Sart Consultancy.
7. "Application of Near-Infrared Technology on Cereal Quality Course". 25-29 April 2016.(Central Research Institute for Field Crops, Turkish Cooperation and Coordination Agency (TİKA)).
8. 2 nd International Plant Breeding Congress &Eucarpia-oil and Protein Crops Conference . 1-5 November 2015/Antalya/Turkey
9. Statistics-2 Training, General Directorate of Agricultural Research and Policy,5-9 May.2014.Ankara/Turkey.
10. 10. Statistical Essay Methods, Central Research Institute for Field Crops, 23-27 April2015, Ankara/Turkey.