



**TAGEM**  
R&D AND INNOVATION

CENTRAL RESEARCH INSTITUTE OF FOOD AND  
FEED CONTROL / BURSA

## Ayşe DAĞDELEN

### Food Engineer

#### EDUCATION

- PhD**  
2021-continue  
Bursa Technical University  
Department of Biotechnology
  - MSc**  
2017-2020  
Bursa Technical University  
Department of Biotechnology
  - Bachelor's Degree**  
2000-2004  
Ankara University  
Engineering Faculty
- LANGUAGE** English YDS 58,75

#### CAREER

- 2011-... Researcher, Central Research Institute of Food and Feed Control
- 2004-2011 Food controller, Bursa Provincial Directorate of Agriculture and Forestry

#### ABOUT ME

She was born in 1981 in Ankara. She graduated from Ankara University, Faculty of Engineering, Food Engineering Department in 2004. She continued his professional education in Bursa Technical University Biotechnology Department in 2017. She still continues his doctorate education in the same program.

#### CONTACT

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### ▪ **PROJECTS**

#### ▪ **Projects Conducted**

1. TAGEM / Investigation of Reuse Possibilities of CRM Isolates Used in GMO Analysis / 01.01.2019-01.09.2019. (coordinator)
2. TAGEM / Comparison of DNA Isolation Methods for Honey and Method Optimization / 2019-2020. (researcher)

#### ▪ **Ongoing Projects**

1. TAGEM / Investigation of the Effects of RNA 'se Enzyme Applications Used in DNA Isolation on DNA Quality / 2019-continues. (researcher)



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## Food Engineer



### ▪ **PUBLICATIONS**

#### ▪ **INTERNATIONAL ARTICLES AND PAPERS**

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

1. DAĞDELEN, A, A.F. DAĞDELEN, 2016. Extraction Of Vanillin From Sugar Vanilla Used In Baker Products: An Optimization of Conventional Soxhlet Extraction and Development of Ultrasound Assisted Extraction, 27th International Agriculture and Industrial Food Congress, 26-27 September, Bursa, Turkey.
2. DAĞDELEN, A.F., S. ÇAVUŞ, E. KORKMAZ, A. DAĞDELEN, 2018. Validation Procedures for Analytical Methods Used in Food Contact Materials Controls, 2018. International Congress of Agriculture, Environment and Health –icaeh, Aydın.

#### ▪ **NATIONAL ARTICLES AND PAPERS**

##### ▪ **Articles Published in National Journals**

- Extraction Of Vanillin From Sugar Vanilla Used In Baker Products: An Optimization of Conventional Soxhlet Extraction and Development of Ultrasound Assisted Extraction, Journal Of Uludağ University Faculty Of Agriculture, 2016.
- Dağdelen, A., Akman, N., Çağal, M.M. (2021). Investigation of reuse capabilities of CRM isolates used in GMO analysis in the controlled storage conditions. GIDA (2021) 46(3) 515-527 doi: 10.15237/gida.GD20142.

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

1. DAĞDELEN, A.F., A. ÜRŞEN AŞYEMEZ, İ.E. TOKAT, D. CUMBUL, A. DAĞDELEN, 2014. Investigation of Microbiological and Aflatoxin Status of Some Medicinal and Aromatic Herbs and Its' Infusion, II. Symposium of Medicinal and Aromatic Herbs, 23-25 September, Yalova, Turkey.
2. DAĞDELEN, A.F., N. AYŞAR GÜZELSOY, G.F. BİRİCİK, A. DAĞDELEN, 2014. Investigation of Mineral Content of Some Medicinal and Aromatic Herbs and Its' Infusion, II. Symposium of Medicinal and Aromatic Herbs, 23-25 Eylül, Yalova, Turkey.
3. DAĞDELEN, A.F., N. AYŞAR GÜZELSOY, A. DAĞDELEN, 2014. Investigation of Total Phenolic and Antioxidant Content of Some Medicinal and Aromatic Herbs and Its' Infusion, II. Symposium of Medicinal and Aromatic Herbs, 23-25 Eylül, Yalova, Turkey.



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### ▪ **OTHER PUBLICATIONS**

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

1. Dagdelen, A. (2020). Investigation of reuse capabilities of CRM isolates used in GMO analysis in the controlled storage conditions (Master's Thesis, Bursa Technical University).



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**TAGEM**  
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- **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**