



TAGEM
R&D AND INNOVATION

CENTRAL RESEARCH INSTITUTE OF FOOD AND
FEED CONTROL / BURSA



Sema DEMİR, MSc Food Engineer

EDUCATION

■ PhD 2011-Devam	Uludag University Food Engineering
■ MSc 2005-2008	Namık Kemal University Food Engineering
■ Bachelor's Degree 2000-2004	Uludag University Food Engineering
LANGUAGE	English/ 85

CAREER

- June 2007, Researcher, Ministry of Food, Agriculture and Livestock, General Directorate of Agricultural Research and Policies Bursa Food and Feed Control Central Research Institute Directorate.
- November 2004- June 2007, Food Controller, Tekirdağ Provincial Directorate of Agriculture and Forestry.


ABOUT ME

I was born in Bursa in 1982. I graduated from Food Engineering Department of Uludag University Faculty of Agriculture in 2004. I continued my professional education on food safety at the Institute of Food Chemistry of Hamburg University in Germany for 3 months in 2012.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Determination of Some Pesticide Residues in Extra Virgin Olive Oils for Consumption in Bursa and Its Surroundings by Gel Permeation Chromatography Method, Organization: CENTRAL RESEARCH INSTITUTE OF FOOD AND FEED CONTROL, 01 January 2013, 01 January 2014.
2. Chemical Composition, Residue Analysis and Determination of Antimicrobial Activity in Some Medicinal-aromatic Plants of the *Umbelliferae* Family, Organization: CENTRAL RESEARCH INSTITUTE OF FOOD AND FEED CONTROL, 01 January 2015, 01 January 2018.
3. The Effects of Acrylamide Content of Turkish Coffee and Asparaginase Enzyme on Acrylamide Formation and Volatile Compounds Profile, Organization: CENTRAL RESEARCH INSTITUTE OF FOOD AND FEED CONTROL 2016-2019.
4. ERA-NET- Innovative Processing of Vegetables and Potatoes (InProVe), Organization: CENTRAL RESEARCH INSTITUTE OF FOOD AND FEED CONTROL Supported Institution: GENERAL DIRECTORATE OF AGRICULTURAL RESEARCH AND POLICIES, 2018-2021.
5. The Effects of Using Some Essential Oils in Bee Feed on Physiological Properties and Varroasis of Colony, Organization: CENTRAL RESEARCH INSTITUTE OF FOOD AND FEED CONTROL, 2017-2019.

▪ **Ongoing Projects**

1. HORIZON 2020, Mediterranean Citrus: innovative soft processing solutions for S.M.A.R.T (Sustainable, Mediterranean, Agronomically evolved, nutRitionally enriched, Traditional) products (MEDISMART), Organization: CENTRAL RESEARCH INSTITUTE OF FOOD AND FEED CONTROL, Supported Organization: TUBITAK PRESIDENCY, 2020 -2023.



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. S. DEMİR & M. KORUKLUOĞLU, A comparative study about antioxidant activity and phenolic composition of cumin (*Cuminum cyminum* L.) and coriander (*Coriandrum sativum* L.), *INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE*, 2020, 0972-5938, 19, 2, 383-393.
2. B. AKGÜN, M. HAMZAOĞLU, H. TOSUNOĞLU, S. DEMİR, A. DENİZ & R. Z. GOKCAY, A survey of 59 pesticide residues in Turkish chicken eggs using LC-MS/MS, *FOOD ADDITIVES & CONTAMINANTS PART B-SURVEILLANCE*, 2020, 1939-3210, 13, 4, 252-259.

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

1. H.Gül YAVUZ, Sema DEMİR, Şifa ÇALIŞKAN, Remziye GÖKÇAY, El Sayed El Habbasha, Sebastiano Porretta, Manuela Pintado, Sergio Streitenberger, Fetullah Bingul, Presentación García. Utilization of Citrus Waste and by-Products. International Symposium on Food Technologies, Mayıs 2021.
2. Sema DEMİR, Mihriban KORUKLUOĞLU. Determination of Some Pesticide Residues in Four Species of Apiaceae Family. *Agrosym* 2021, Ekim 2021.

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

- Mertin HAMZAOĞLU, Sema DEMİR, Hakan TOSUNOĞLU, Remziye ZENGİNGÖNÜL GÖKÇAY, Altan DENİZ. Method Validation of QuEChERS -LC MS/MS Method for Some Pesticide Residues in Honey, 2021. *Journal of Food and Feed Science Technology*.
- Sema DEMİR, Hakan TOSUNOĞLU, Altan DENİZ, 2019. Determination of Some Pesticide Residues in Extra Virgin Olive Oils by GPC-GC Method. *Journal of Food and Feed Science Technology*.



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TAGEM
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- **OTHER PUBLICATIONS**
- **Ph.D. Thesis, Master Thesis, Reports, Books etc.**



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