



TAGEM
R&D AND INNOVATION

CENTRAL RESEARCH INSTITUTE OF FOOD AND
FEED CONTROL/BURSA



Nurdan AKBAŐ

Agricultural Engineer, MSc

EDUCATION

- MSc**
2000-2002
Uludag Universty
Faculty of Agriculture
- Bachelor's Degree**
1995-1999
Uludag Universty
Faculty of Agriculture

CAREER

- 2000-2002 ULUDAG UNIVERSITY INSTITUTE OF SCIENCES**
- 2002- CENTRAL RESEARCH INSTITUTE OF FOOD AND FEED CONTROL/BURSA**


ABOUT ME

She was born in 1978 in Bursa. She graduated from Uludag University Faculty of Agriculture in 1999. She continued his professional education as a research assistant at Uludađ University, Institute of Science and Technology in 2000. She started to work at the Food and Feed Control Center Research Institute in 2002. She is still working in the same institution.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. The Effect of Squalene and ADEK Vitamins on Quality in Organic Olive Oil
2. The Effect of Phenolic Substance Amount on Quality in Olive Oils Obtained at Different Harvest Times
3. Determination of Changes in Quality and Purity Characteristics of Olive Oils Obtained from Olives Cultivated in Different Regions of Our Country, Depending on Climatic Conditions
4. The Effect of Packaging Material on the Physicochemical and Sensory Properties and Shelf Life of Extra Virgin Olive Oil
5. Investigation of the conversion process and residue levels of Ethephon to 2-Hydroxyethyl Phosphonic Acid (HEPA) in Bursa Black Fig (*Ficus carica* L.)
6. Determination of Quality Characteristics and Duration Times of Pasteurized Milk Presented for Consumption in Different Packages

▪ **Ongoing Projects**

1. Determination of Quality Parameters and Some Functional Properties of Royal Jelly Obtained from Different Regions and Investigation of Storage Criteria
2. Genotype X Environmental Relationships in Sunflower (*Helianthus Annuus*); Investigation of Fatty Acid Composition, Sterol Composition and Effects on Fat Quality



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■ **PUBLICATIONS**

■ **INTERNATIONAL ARTICLES AND PAPERS**

■ **Articles Published in International Journals**

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

1. DEMİR S., H. TOSUNOĞLU ve N. AKBAŞ, 2014. Utilization of Essential Oils in Food Industry. 45th International Symposium on Essential Oils. ISE Abstract Nat. Vol. Essent. Oils, Special Issue (P.232) 07-İSTANBUL/TURKEY
2. AKBAŞ N., UZUN P., DEMİR S., 2017. Determination of Trans Fat Composition of Some Vegetable Oils by Chromatographic Methods. 4th International Food Congress, 28-29 September 2017.
3. UZUN P., AKBAŞ N., KARA S., 2017. Chemical Composition and Determination of Some Quality Parameters of Camelina sativa Oil. 4th International Food Congress, 28-29 September 2017.
4. AKBAŞ N., UZUN P., DEMİR S., ŞEHİRLİ A., 2018. Determination of Oxidation Stability According to the Time of Induction in Different Temperatures of Black Cumin (*Nigella Sativa* L.) 4. International Symposium of Medicinal and Aromatic Plants, 2-4 October 2018.
5. DEMİR S. AKBAŞ N., 2018. Determination of Antioxidant Activities of Rosemary and Laurel Essential Oils.) 4. International Symposium of Medicinal and Aromatic Plants, 2-4 October 2018.
6. UZUN P., AKBAŞ N., ŞEHİRLİ A., EREN O. 2019. The Effects of Different Packaging Materials on the Shelf Life of Olive Oil. 2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), June 28-29, 2019 Ankara, Turkey.
7. UZUN P., ŞEHİRLİ A., AKBAŞ N., EREN O. 2019. Comparison of quality parameters in olive oils preserved in different packaging materials. 2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), June 28-29, 2019 Ankara, Turkey.
8. AKBAŞ N., BİRLİK MANARGA P., EKŞİ KARAAĞAÇ H. 2019. Investigation of Oxidative Stability, Squalen and Some Quality Parameters of Organically Grown Olive Oils Extracted In Different Harvesting Season. International Congress on Agriculture and Forestry Research (AGRIFOR), Marmaris / Turkey.
9. AKBAŞ N., UZUN P., Determination Of Squalen, An Important Minor Component In Olive Oils, By Chromatographic Methods. International Congress on Agriculture and Forestry Research (AGRIFOR) Marmaris / Turkey, 8-10 April 2019.



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▪ NATIONAL ARTICLES AND PAPERS

▪ Articles Published in National Journals

1. AZAR İ, TOSUNOĞLU H, AKBAŞ N, DENİZ A. Investigation of Conversion Process and Residue Levels of Ethephon's Metabolite, 2-Hydroxyethyl Phosphonic Acid (HEPA) in Bursa Black Fig (*Ficus carica*L.). *Journal of Food and Feed Science-Technology* 16:24-32, 2016.

▪ International Papers, Seminars, etc.

1. TOSUNOĞLU, H.,N. AKBAŞ ve S. DEMİR,2014. Determination of Naphthalene Residue Content of Honey Sold in Bursa Market. 22nd National Biology Congress. 23-27 June 2014(785)-ESKİŞEHİR.
2. AKBAŞ N., UZUN P., EREN O., 2017. The Dissemination of Canola Agriculture by Determining the Fatty Acids and Sterol Composition of the Oil Obtained from the Canola Plant (*Brassica napus* L.) by Chromatographic Methods. *Türkiye 12th Field Crops Congress* 12-15 September 2017.
3. UZUN P., AKBAŞ N., NEBİOĞLU M., 2017. Determination of Fatty Acids and Sterol Composition of Cayenne Plant Oil by Chromatographic Methods. *Türkiye 12th Field Crops Congress* 12-15 September 2017.