



TAGEM
R&D AND INNOVATION

CENTRAL RESEARCH INSTITUTE OF FOOD AND
FEED CONTROL/ BURSA

ARZU YAVUZ, PhD

Food Engineer

EDUCATION

- PhD** 2017-2022 Bursa Technical University
Biotechnology
 - MSc** 2004-2006 Ankara University
Food Engineering
 - Bachelor's Degree** 1997-2001 Ankara University
Food Engineering
- LANGUAGE** English YDS 71,25

CAREER


- 2012-.... Researcher, Central Research Institute of Food and Feed Control- BURSA
- 2009-2012 Engineer, Food Control Laboratory-BALIKESİR
- 2004-2009 Engineer, Provincial Agriculture And Forestry-BİLECİK
- 2001-2004 Engineer, Private Sector-BİLECİK


ABOUT ME

In 2001, she graduated from Ankara University, Department of Food Engineering. Since 2012, she has been working as a researcher at Central Research Institute of Food and Feed Control.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Establishment of Antibiotic Residue Analysis Laboratory in Animal Originated Products (TR 41-12-SS-0012) (2013-2014) (Researcher)
2. Detection of Some Anabolic Steroids in Various Compound Feeds (TAGEM/ HSGYAD/15/A05/P01/87) (2014-2016) (Researcher)
3. Comparison of Chromatographic Methods with ELISA Method in Quantitative Gluten Analysis (TAGEM/HSGYAD /14/A05/P01/47) (2015-2016) (Researcher)
4. Enhancing YOUTH(18-26) Employability in Bakery Sector (2017-1-TR01-KA205-039233_Erasmus Plus) (2017-2019) (Researcher)
5. Best Innovative Approach to minimize Post Harvest Losses Within food Chain For VET(2017-1-TR01-KA202-045709_Erasmus Plus) (2017-2020) (Researcher)
6. Determination of Some Insecticide and Their Toxic Metabolites Residues in Maize Silage (TAGEM)(2019-2021) (Researcher)

▪ **Ongoing Projects**

1. Determination of Amino Acid Composition and Some Quality Properties of Milk Obtained from Different Cow Breeds (TAGEM/HSGYAD/A/21/A3/P1/2313)(2021-2022)(Project Leader)
2. Determination of Processing Factor of Some Macrolide Group Antibiotic Residues in Block Type Processed Cheese (2021-2022)(Researcher)
3. Development of multi-residue screening method for veterinary drugs in egg by LC-MS/MS (TAGEM) (2022-2023)(Researcher)



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Elik A., Koçak Yanık D., İstanbullu Y., Aysar Güzelsoy N., Yavuz A., Göğüs F., 2019 Strategies to reduce Post-Harvest Losses for Fruits and Vegetables. International Journal of scientific and Technological Research. Vol.5 No:3
2. Yavuz, A. , Azar, İ. , Özcan, A. & Ülkü, N. (2021). A Multiclass Method for the Analysis of Antibiotic Residues in Milk Powder and Whey Powder by UPLC-MS/MS . The Journal of Food, 47 (1) , 25-33 . DOI: 10.15237/gida.GD21124

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

1. Yavuz A., İstanbullu Y., Aysar Güzelsoy N., Çavuş F., Çöplü N., Işık Ö., Akgün B., Enhancing YOUTH(18-26) Employability in Bakery Sector. IX Food Technology International Symposium. 14 May 2019, Murcia/SPAIN
2. Yavuz A., Oral R. A. (2021). Method For the Analysis of Amino Acids in Milk by LC -MS/MS. 2nd International/12th National Food Engineering Congress
3. Yavuz, A. , Azar, İ. Ülkü, N., Yavaş H., Değirmenci G. (2021). A Multiclass Method for the Analysis of Antibiotic Residues in Milk by LC-MS/MS. 2nd International/12th National Food Engineering Congress

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

1. Çetin V., Özcan A., Azar İ., Yavuz A. Determination of Various Anabolic Steroids in Some Mixed Feeds. Food and Feed Science-Technology Year:2018 Issue:20
2. Akgün B., Aysar Güzelsoy N., Yavuz A., İstanbullu Y., Budaklıer A. Alternative Techniques For Fruit and Vegetable Waste Valorization in Turkey. Journal of Food and Feed Science-Technology. Year:2019 Issue:22
3. Özcan A., Azar İ., Yavuz A., Yavaş H., Tokat, E., & Çetin, V. (2020). Comparison of HPLC, LC-MS / MS Methods with ELISA in Gluten Analysis. Journal of Food and Feed Science-Technology, (24), 30-54.
4. Yavuz A., Azar İ., Özcan, A., & Çetin, V. (2020). Antibiotic Residues in Food of Animal Origin. Journal of Food and Feed Science-Technology. (24), 8-15.

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

1. Yavuz, A., Azar, İ., Özcan, A. Residue Limits of Veterinary Drugs in Foods of Animal Origin. 10. Food Engineering Congress. 9-11 November 2017-Antalya
2. Azar, İ., Yavuz, A., Özcan, A. Method Validation Requirements in Mass Spectrometry. 10. Food Engineering Congress. 9-11 November 2017-Antalya



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▪ **OTHER PUBLICATIONS**

- Determination of Amino Acid Composition of Cow Milk by Optimized Method Using LC-MS/MS (PhD Thesis)



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

1. Ultra High Performance Liquid Chromatography Columns and Advanced Application Techniques Seminar, 3 Mayıs 2011, Balıkesir
2. Application and Operation Training for LC-MS/MS, Kyoto/Japon
3. "Antibiotic Residue Analysis in Food" Training, 24-28 Mart 2014, TÜBİTAK MAM/Kocaeli
4. Chromotography Seminar, 4th April 2017, İstanbul
5. IX Food Technology International Symposium. 14 May 2019, Murcia/Spain
6. Twining Project-TR 13 IB AB 03 /Official Controls for Safe Food
Analytical methods training used to determine Hormone Residues in Muscles in compliance with the EU standards (10-13 April 2018), Bursa/Turkey
7. Twining Project-TR 13 IB AB 03 / Official Controls for Safe Food
Analytical methods training used for the residues of Antibiotics in Animal Orginated Food, in compliance with the EU standards (27-30 March 2018), Bursa/Turkey
8. Twining Project-TR 13 IB AB 03 / Official Controls for Safe Food
Analytical methods training used fort he residues of Antibiotics and Coccidiostats in Feed, in compliance with the EU standards (22-25 May 2018), Bursa/Turkey
9. Twining Project-TR 13 IB AB 03 /Official Controls for Safe/ Food Laboratory trainings and study visits for feed safety analysis (25-27 Eylül 2018), Rennes, France