



TAGEM
R&D AND INNOVATION

CENTRAL RESEARCH INSTITUTE OF FOOD AND
FEED CONTROL/BURSA

H.Özgül UÇURUM, PhD Agricultural Engineer

EDUCATION

- PhD**
2004-2012
Namık Kemal University
Agriculture Faculty/Horticulture Science
 - MSc**
2011-2013
Uludağ University
Agriculture Faculty/Horticulture Science
 - Bachelor's Degree**
2005-2009
Uludağ University
Agriculture Faculty/Horticulture Science
- LANGUAGE** İngilizce YDS 55
ÜDS 65

CAREER

- 2001-2004 Research Assistant, Uludağ University/Agriculture Faculty - Horticulture Science-BURSA
- 2004-2006 Academic Lecturer-Uludağ University/ Agriculture Faculty- Horticulture Science-BURSA
- 2006- 5 ay Çorum Directorate of District Agriculture and Forestry
- 2006- Head of Continuation Department/ Food and Feed Control Central Research Institute Directorate.-Vegetable Product-BURSA

ABOUT ME

I was born in 1978 in Bursa. In 2000, she graduated from Uludağ University, Faculty of Agriculture.. She was appointed to Uludağ University Faculty of Agriculture in 2001. She was started as a Research Assistant in the Department of Horticulture and In 2004, she was appointed to the academic lecture. She was appointed to the Ministry of Agriculture in 2006 and after working in Çorum Provincial Directorate for a short time, she was appointed to the Food and Feed Control Central Research Institute Directorate in the same year. She has been working as the Head of Vegetable Products Department since 2010. It carries out many national and international projects on Fruit-Vegetable Technology, End Harvest Physiology, Organic Agriculture and Bee Products.

CONTACT



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▪ **PROJECTS**

Conducted & Ongoing Projects

1. ERASMUS+ / Innovative Approaches to Reduce Post-Harvest Losses in the Food Chain (POST-HARVEST)/ 2017-2019 / Proje No: 2017-1-TR01-KA202-045709/ (Researcher).
2. TÜBİTAK / Let's Experiment for Safe Food / 2019-2021 /(Project leader).
3. TAGEM/ Investigation of the usability of cellulose nanofiber obtained from algae species as a filling material in polysaccharide-focused edible bionanocomposite coatings for Bursa Black Fig. 2020- Continuing / (Researcher).
4. TAGEM/ Determination of the Usability of New Physicochemical Parameters for Distinguishing Flower and Secretion Honeys /2020-Continuing/ (Project leader).
5. TAGEM/İKİLİ İŞBİRLİĞİ / Investigation of Invertase (α -fructofuranosidase), Diastase and HMF Amounts of Various Raw Honey Types Produced in Turkey and Having Commercial Potential /2020-2022/(Project leader).
6. TAGEM/ Determination of Fingerprints, Investigation of Chemical Contents and Medical Activities of Some Monofloral Honeys Produced in Turkey and with High Commercial Potential, and Standardization /2017-2020/ Resaercher).
7. TAGEM/ BILATERAL COOPERATION / Determination of Quality Criteria for Kemalpaşa Dessert (Cheese Dessert)/2013-2014/(Project Leader).
8. TAGEM/ Determination of Quality Criteria of Whole Wheat Bread/ 2019-2021/ (Researcher).
9. TAGEM/The Effects of Acrylamide Content of Turkish Coffee and Asparaginase Enzyme on Acrylamide Formation and Volatile Compounds Profile /2018-2019/ (Researcher).
10. AB-ERANET/COREORGANIC /Ensuring Quality and Safety of Organic Foods Along the Processing Chain ECOBERRIES/2015- 2018/ (Researcher).
11. TAGEM/ Physical, Chemical and Mineral Matter Profile of Pine Honey Produced in Turkey/ 2015- 2020/ (Researcher).
12. FAO/ Conservation of Biodiversity and Promotion of Sustainable Use for Enhanced Human Nutrition and Well-being/2013- 2017/ (Researcher).
13. TAGEM/ Comparison of Products Obtained from Organic and Conventional Production Methods and Hybrid and Standard Seeds in terms of Nutrient Content and Food Safety /2016-2017/(Researcher).
14. TAGEM/Determination of Quality Characteristics of Gedelek Gherkin Pickles, One of Our Traditional Products/2015- 2017/ (Researcher).
15. TAGEM, Wuffle Production and Determination of Quality Characteristics/2015-2017/(Researcher).
16. TAGEM, Determination of Food Nutrient Compositions for the National Food Composition Database (Turkomp), /2014-2017/ (Researcher).
17. AB-ERANET/SUSFOOD/Bioprocessing of Multifunctional Vegetable Protein Sources/2014-2016/ (Researcher).
18. TAGEM/ Comparison of Hplc and Total Sugar Determination in Feeds with Luff-schoorl Method and Method Validation /2014- 2015/ (Researcher).
19. TAGEM /BILATERAL COOPERATION/Determination of the Conformity of Packaging Used in Tomato Paste with Standards /2011- 2012/(Project Leader).
20. TAGEM/ Determination of Residue Quantities and Quality Characteristics of Fresh and Frozen Tomatoes Grown by Organic and Conventional Ways/2009-2011/ (Project Leader).
21. TAGEM/BILATERAL COOPERATION/ Determination of Some Quality Characteristics of Various Types of Tomato Paste in the Turkish Market /2009- 2010/ (Project Leader).
22. Determination of Food Nutrient Compositions for TAGEM/ National Food Composition Database (TURKOMP)/2014-2017



■ **PUBLICATIONS**

■ **INTERNATIONAL ARTICLES AND PAPERS**

■ **Articles Published in International Journals**

1. Akgün, B., Arıcı, M., Çavuş, F., Karataş, A. B., Ekşi Karaağaç, H., & Uçurum, H. Ö., 2021. Application of l-asparaginase to produce high-quality Turkish coffee and the role of precursors in acrylamide formation. *Journal of Food Processing and Preservation*, e15486.
2. Uçurum, H. Ö., Varış, S., Canalpsoy, H. & Keskin, M., A. Comparative study on chemical composition of organic versus conventional fresh and frozen tomatoes, *Journal of Food Processing and Preservation*, 2019, 1745-4549, 43, 7, 01-11.
3. Uçurum H. Ö & Ekşi Karaağaç H., Investigation of Phenolic Composition of Organically-Grown Strawberry and Blueberry, *The Journal of Food*, 2019, 13003070, 44(5), 44(5), 794-801.
4. Çınar A., Tuğrul Ay S., Karabak, S., Ayşar Güzelsoy N., Ayas, F. & Uçurum, H. Ö., Foxtail Lilly (*eremurus Spectabilis* M. Bieb.) As Priority Species Of Biodiversity For Food And Nutrition Project Of Turkey, *Anadolu J. Of AARI-*, 2017, 1300-0225, 2, 27(2), 69-73.
5. Guzelsoy, N.A., Ucurum, O., Tokat, E., Tan, A., Ay, S.T., Ozbek, K., Nutritional Properties Of Some Wild Edible Plant Species In Turkey, *Anadolu, J. Of AARI-*, 2017, 1300-0225, 2, 27(2), 39-45.

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

1. Uğur, N., Uçurum, H. Ö. & Şenocak, R., Nutritional Content Of Whole Wheat Flour And The Importance Of The Use Of Foods Containing Whole Wheat Flour, 1. International Food Engineering Congress, (7-9 Kasım 2019), Poster Bildiri.
2. Uçurum, H. Ö., Güzelsoy, N., Tuğrul, A. S., Nutritional Properties Of Syrian Juniper (*Juniperus Drupacea* Labill.) Molasses In Turkey, 3rd International Congress on Food Technology; October 10-12, 2018 Nevşehir/Turkey, 171 p.
3. Ucurum, Ö., Güzelsoy, N. A., Tokat, E., Tuğrul Ay, S., Çınar, A. Nutrient Composition of *Berberis Crataegina* DC. in Turkey. Poster presentation, International Symposium on Biodiversity and Edible Wild Species (BEWS2017), 3-5 April 2017, Antalya, Türkiye.
4. Güzelsoy, N. A., Ucurum, Ö., Tokat, E., Tan, A., Tuğrul Ay, S. K. Özbek. Nutritional Properties of Some Wild Edible Species in Turkey. Oral presentation, International Symposium on Biodiversity and Edible Wild Species (BEWS2017), 3-5 April 2017, Antalya, Türkiye
5. Güzelsoy, N. A., Ucurum, Ö., Eren, O., Tan, A., Özkan, İ., Güner, B. Proximate and Mineral Composition of Cowpea (*Vigna unguiculata* (L.) Walp) Landraces in Turkey. 15th International Cereal and Bread Congress, 18-21 April, 2016, İstanbul, p. 278.
6. Uçurum, H. Ö., Kılınç, A., Ekşi, K. H. & Tepe, Ş., The Effect Of Geographic Differences To Sugar Composition Of Pine Honeys, Poster Sunumu, 5th International Muğla Beekeeping And Pine Honey Congress, 01 Kasım 2016, 05 Kasım 2016, 462 - 467.
7. Tepe, Ş., Baran, A., Takma, Ç., Karaca, Ü., Yeşil, E., Uçurum, H. Ö., Karakuş, S. & Güney, F., The Physical, Chemical Properties Of Turkish Pine Honey and Geographical Differences, 01 Kasım 2016-05 Kasım 2016, 194 - 196.
8. Uğur, N., Uçurum, H. Ö. & Ayşar, G. N., Food Composition Of Pasta Which Was Added Different Rate Of Been Flour, Poster Sunumu, 27th International Scientific expertcongress of Agriculture And Food Industry, 26 Ekim 2016, 28 Ekim 2016, 233 .

9. Uçurum, H. Ö., Ekşi, K. H., Eren, O. & Göğüş, F., Investigation Of Phenolic Composition Of Organically-grown Strawberry And Blueberry, Poster Sunumu, 27th International Scientific Expertcongress Of Agriculture and Food, Bursa, Türkiye, 26-28 Eylül 2016.
10. Uçurum, H. Ö. & Demir, C., Determination of Quality Characteristics of Waffle, 12. Gıda Kongresi, 05 Ekim 2016-07 Ekim 2016, Bildiri Kitabı 202 – 202s.
11. Uçurum, H. Ö., Ekşi, K. H. & Kılınç, A., Determination of Physical and Rheological Properties of Turkish Pine Honey, Poster Presentation, Türkiye 12. Gıda Kongresi, 05 Ekim 2016-07 Ekim 2016, 560 – 560 s.
12. Uçurum, H. Ö., Aşar, G. N., Uğur, N. & Şanal, T., Organic And Conventional Wheat Flour Of Dietary Fiber and Minerals Contents, Poster Sunumu, 15th International Cereal And Bread Congress, 18 Nisan 2016, 21 Nisan 2016, 265 .
13. Tuğrul, A. S., Çınar, A., Uçurum, H. Ö., Ayas F., Tokat, İ. E. & Aşar, G. N., Gypsophyla arrostii and Ferulago trachycarpa Species from Medicinal Foods in Mediterranean Region of Mainstreaming biodiversity conservation and sustainable use for improved human nutrition and wellbeing Project, Poster Sunumu, 19th International Conference of FFC - 7th International Symposium of ASFFBC, 17 Kasım 2015-18 Kasım 2015.
14. Aşar, G. N., Uçurum, H. Ö., Tokat, İ. E., Tan, A., Özkan, İ. & Özbek, K., Nutrient content of selected biodiverse foods in Turkey, Sözlü Sunum, 11th Food Data Conference, 03 Kasım 2015-05 Kasım 2015.
15. Özkan, İ., Aşar, G. N., Uçurum, H. Ö. & Eren, O., Assessing The Nutritional Value Of Wild Edible Biodiversity In Turkey, Sözlü Sunum, 11 Th International Food Data Conference (ifdc), 03 Ekim 2015, 05 Kasım 2015.
16. Aşar, G. N., Uçurum, H. Ö., Tokat, İ. E., Tan, A, K. ÖZBEK & İ. ÖZKAN, Nutrient Content Of Selected Biodiverse Foods In Turkey, Sözlü Sunum, 11th Food Data Conference, 03 Kasım 2015- 05 Kasım 2015, 40 – 42 p.
17. Uçurum, H. Ö. & Alkın, E., Narın Beslenmedeki Önemi Ve Değerlendirme Teknikleri, Sözlü Sunum, I.Nar Kongresi, 13 Mayıs 2011-15 Mayıs 2011, 1, 5, 151 165 s.
18. Uçurum H. Ö., Organik Tarım Koşullarında Bazı Önemli Sebze Türlerinin Derim Sonrası Fizyolojileri, Sözlü Sunum,Ekolojik Tarım Sempozyumu, 14 Kasım 2001-16 Kasım 2001, 276 – 286 s.
19. Uçurum, H. Ö., Marmara Bölgesinde Organik Tarım Ve Geleceği, Poster Sunumu, 2.Gap Tarım Kongresi, 24 Ekim 2001-26 Ekim 2001, 1.cilt, 145 – 155 s.

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

- 1.Ahmet KILINÇ, Huriye UÇURUM, Gülnur BİRİCİK ŞAHİN, Melek BERKER, İbrahim TOKAT, Geleneksel Olarak Fermente Edilmiş Gedek Kornişon Turşusunun Özellikleri, Gıda ve Yem Bilimi - Teknolojisi Dergisi / Journal of Food and Feed Science - Technology 25: 57-68 (2021/1) ISSN 1303-3107.
- 2.Güzelsoy, N. A., Ucurum, Ö., Tokat, E., Tan, A., Tuğrul Ay, S. K. Özbek, Bazı Yabani Yenilebilir Bitki Türlerinin Besin Özellikleri, (Nutritional Properties of Some Wild Edible Species in Turkey.) ANADOLU, J. of AARI ISSN: 1300 – 0225, 27 (2) 2017, 39-45.
- 3.Uçurum, H. Ö., Kaygısız, M. & Uğur, N., Determination Of Quality Characteristics Of Kemalpaşa Cheese Dessert, The Journal of Food-The Assciation of Food Technology, 2016, 1300-3070, 41, 4, 221-225.
- 4.Uçurum, H. Ö., Varış, S. & Akman, K., Domatesin Taze ve Dondurularak Depolanması, Hasad Dergisi, 2013, 1302-1702, 28, 334, 50.
- 5.Çetin, K., Alkın, E. & Uçurum H. Ö., Determining The Quality Characteristics Of Flower Honey Sold In The Market, Journal of Food and Feed Science Technology , 2011, 1303-3107, 1, 11, 49-56.

▪ **OTHER PUBLICATIONS**

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

1. H. Ö. UÇURUM, Determination of Residue Amounts and Quality Characteristics of Fresh and Frozen Tomatoes Grown by Organic and Conventional Methods, 2012, Namık Kemal Üniversitesi, Fen Bilimleri Enstitüsü, PhD Thesis, 156 s.
2. H. Ö. CELBİŞ, Salt Resistance Tests on Some Tomato Varieties, 2003, Uludağ Üniversitesi, Fen Bilimleri Enstitüsü, Master Thesis, 82 s.
3. Pine Honey Workshop Report 20-22/12/2021



H.Özgül UÇURUM, PhD Agricultural Engineer



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

1. TS EN ISO/IEC 17025 Standard and Documentation Training
2. Internal quality inspection TSE EN ISO 9000:2000
3. Internal quality inspection (TS EN ISO/IEC 17025, ISO 9001)
4. Method Validation and Measurement Uncertainty in Chemical Analysis
5. Evaluation of Calibration Certificates
6. Method Validation and Measurement Uncertainty,; Uzman Akreditasyon Danışmanlık
7. Fundamentals of HPLC and Troubleshooting in HPLC
8. TS EN ISO 22000 Quality management system / 2008
9. Brookfield viscosity, rheometers and rheology education
10. Anamed BUCHİ fast burning and kjelmaster distillation system training
11. Labormed ANKOM oil determination and hydrolysis training
12. KAL-MET General calibration metrology and measurement uncertainty
13. ISO 9001-2015 Quality management system
14. Occupational Health and Safety Training
15. Technical Sufficiency Training in Food Sensory Analysis
16. Quality and Success Symposium
17. Strengthening Quality Infrastructure İn Turkey Project
18. EU, Horizon 2020 and Cost Projects Training
19. 27th International Scientific-Expert Congress of Agriculture and Food Industry
20. Regulation on Emergencies at Workplaces, Emergency and Emergency Plan Training
21. I.National Pomegranate Congress
22. 4th International Muğla Beekeeping and Pine Honey Congress
23. 5th International Muğla Beekeeping and Pine Honey Congress
24. 6th International Muğla Beekeeping and Pine Honey Congress
25. 3rd International Congress on Food Technology, Cappacocia
26. Türkiye 12th Food Congress, Edirne
27. 15th International Cereal And Bread Congress, İstanbul
28. 2nd Gap Agriculture Congress, Şanlıurfa
29. 2nd Ecological Agriculture Symposium, İzmir