



TAGEM
R&D AND INNOVATION

CENTRAL RESEARCH INSTITUTE OF FOOD AND
FEED CONTROL / BURSA



BURCU KADIOĞLU

Agricultural Engineer

EDUCATION

- Assoc. prof
- PhD
2012- Ege University - İZMİR
Agricultural Engineering
- MSc
2011-2013 Uludağ Üniversitesi
Ziraat Fakültesi
- Bachelor's Degree
2005-2009 Uludağ Üniversitesi
Ziraat Fakültesi
- LANGUAGE İngilizce KPDS 60

CAREER


- 1- 2011 – 2014/ Engineer/ Atatürk Horticultural Central
Research Institute /YALOVA
- 2- 2014- / Engineer/ Central Research Institute of Food and
Feed Control /BURSA
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ABOUT ME

I was born in 1984 in Bursa. In 2008, he graduated from Uludag University Faculty of Agriculture. He continued his professional education in the field of mycology at Atatürk Horticultural Central Research Institute for 3 and a half years in 2011. Since 2014, he has been working at Bursa Food and Feed Control Central Research Institute in the Department of Packaging Technologies and Minerals.

CONTACT

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PROJECTS

Projects Conducted

1. Investigation of Residues from Some Plastic-Based Materials Used in the Serving of Baby and Small Children's Foods That May Transfer to Food (Researcher)
TAGEM/HSGYAD/Ü/18/A3/P1/291
2. Determination of the Effects of Different Applications Against Storage Loss in Kiwi Fruit on Fruit Quality (Researcher) TAGEM/BBAD/A/19/A1/P6/09 (Project Coordinator)
3. Antifungal efficacy of some plant extract against phytopathogen fungi (M.Sc.) Uludağ University Institute of Science and Technology - Phytopathology BURSA,2010. (Project Coordinator)
4. Some of the edible coating enriched with Natural Essential Oils (Egypt Zee and Chitosan) 0900 Agriculture, cherry type Effects on Quality-YALOVA,2013 (Researcher)
5. Some Currant Determination of Chemical Composition of the type and availability of Investigation in Food Industry –BURSA,2016 (Researcher)
6. Kiwi garden in the Marmara Region Diseases , Pests and Natural Enemies Foreign Determination of the Detection of Herbs –YALOVA,2014(Researcher)

▪ Ongoing Projects

- Determination of Physicochemical Properties of Chestnut Shell Pigments Obtained by Different Extraction Methods by Encapsulation and Investigation of Their Use in Food Industry(Researcher)
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PUBLICATIONS

INTERNATIONAL ARTICLES AND PAPERS

Articles Published in International Journals

Polat Z., G. Besirli, İ. Sönmez and B. Yavuz , 2012. First report of Stemphylium leaf blight of garlic(*Allium sativum*) caused by *Stemphylium vesicarium* in Turkey. *New Disease Reports*, 25,29.

Çetin G., C. Hantaş and B.Yavuz, 2011. Ecological Importance of Combating Agriculture. *Türk Tarım*, 199

Yavuz B. and Tunalı N. Showing Important Fungal and Bacterial Diseases of Cut Flowers, 2013. *Ornamentals Congress*.

Burcu Yavuz and Ümit Arslan. Antifungal activity of some plant extracts against phytopathogenic fungi .*Journal of Science and Technology* 11:704-709, 2013

Tunalı N., Mirik M.,Yavuz B., Hephızlı P. and Akçay M. E. The detection of *Erwinia amylovora* (Burr.) Winslow et al.strains, causing fire blight in pome fruit trees in Yalova. *Plant protection congress*, 2014.

Göksel Z., Kadioğlu B. ve Arslan D. Medical and antifungal and antimicrobial activity of volatile oil obtained from entities Aromatic Plants. 2. Symposium on Medicinal and Aromatic Plants, 2014.

Göksel Z., Erdoğan S., Kadioğlu B., Arslan D., ve Yemencioğlu A. Some Essential Oils enriched with Chitosan and Zein Edible Film Monilli frukticola against *Botrytis cinerea* and Antifungal Activities of Coating. *Food Engineers Congress*, 2015.

International Papers, Seminars, etc.

ALKIN E., BİRİCİK G.F., KADIOĞLU B. 2021.Effects of Heavy Metals in Foods on Human Health(ICOM AS)-2021(ORAL PRESENTATION)

Kaygısız M., DüNDAR A.N., Polat F., Kadioğlu B., Uğur N., (2019). Investigation of the Effect of Enzyme Resistant Starch (EDN) Addition in Salted Yogurt, a Local Product, on Mineral Matter, Yield, Color and Sensory Properties. *Gıda ve Yem Bilimi-Teknolojisi* (21):53-64.

Investigation of Some Physicochemical Properties of Chestnut Shell Powder Türkiye 13. Gıda Kongresi Çanakkale, 21-23 Ekim 2020 Serhat Koçer¹, Ö. Utku Çopur², Canan Ece Tamer², Senem Suna², Burcu Kadioğlu¹



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7. OTHER PUBLICATIONS

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

Antifungal efficacy of some plant extract against phytopathogen fungi (M.Sc.) Uludağ University Institute of Science and Technology - Phytopathology BURSA,2010



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