



TAGEM
R&D AND INNOVATION

CENTRAL RESEARCH INSTITUTE OF FOOD AND
FEED CONTROL / BURSA



Remziye ZENGİNGÖNÜL GÖKÇAY

Chemist, MSc.

EDUCATION

- PhD**
2019-Ongoing
Bursa Uludağ University
Faculty of Arts and Science /
Department of Chemistry
 - MSc**
2012-2013
Yalova University
Polymer Materials Engineering
 - Bachelor's Degree**
2004-2008
Balıkesir University
Faculty of Arts and Science /
Department of Chemistry
- LANGUAGE** English YÖKDİL 77,5 / YDS 58,75

CAREER

- 2017-Ongoing Researcher (Chemist), Central Research Institute of Food and Feed Control - BURSA
- 2012-2017 Officer, Ministry of Youth and Sports - BURSA
- 2011-2012 Chemist, Ekoçed Environmental Laboratory Chemical Industry - BURSA
- 2010-2011 Chemist, Elinsan Environmental Experiment Laboratory - BURSA


ABOUT ME


I was born in 1986 in Bursa. I graduated from Balıkesir University, Faculty of Arts and Science, Department of Chemistry in 2008. I completed my master's degree, Yalova University, Polymer Materials Engineering between 2012-2013. I am a Ph.D. candidate at Bursa Uludağ University, Faculty of Arts and Science, Department of Chemistry and studying on pesticide residues and graphene form my thesis.

Since 2017, I have been working on analyses and projects about pesticide residues in food samples in the Department of Food Additives and Residues.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. TAGEM- Academic Career Project / Gökçay R.Z., İzgi B., Investigation of the Usage of Graphene with Magnetic Properties to Be Obtained from Agricultural Wastes in the Analysis of High Polar Pesticides in Food Samples /2022-2023 (Project Coordinator).
2. TAGEM / Altan D., Demir S., Akgün B., Hamzaoğlu M., Gökçay R.Z., Senocak, R., Gündoğan U., Akman Ö., Yavuz M. Determination of Processing Factors for Lambda-Cyhalothrin, Tetraconazole, Penconazole and Acetamiprid in Cucumber Pickles /2022-2023 (Researcher).
3. PRIMA –TUBİTAK(119N503), Mediterranean Citrus: innovative soft processing solutions for S.M.A.R.T (Sustainable, Mediterranean, Agronomically evolved, nutRitionally enriched, Traditional) products/2020-2023 (Researcher).
4. TAGEM / Akgün B., Genç M., Genç S., Güzelsoy N.A., Tosunoğlu H., Hamzaoğlu M., Arıcı M., Deniz A., Gökçay R.Z., Kılıç A., Tosunoğlu A., The Effect of Extracts of Some Wild Plants on Acrylamide Content and Sensory Properties of Potato Chips/Proje No: TAGEM/HSGYAD/B/20/A3/P1/1456/2020-2021 (Researcher).
5. TAGEM / Kadioğlu B., Karataş B.A., Şahin B.F.G., Koçer S., Gökçay R.Z., Determination of Fruit Quality Effects of Different Applications Against Storage Losses In Growing Kiwi Fruits /2019-2021 (Researcher).

▪ **Ongoing Projects**

1. TAGEM- Academic Career Project / Gökçay R.Z., İzgi B., Investigation of the Usage of Graphene with Magnetic Properties to Be Obtained from Agricultural Wastes in the Analysis of High Polar Pesticides in Food Samples /2022-2023 (Project Coordinator).
2. TAGEM / Altan D., Demir S., Akgün B., Hamzaoğlu M., Gökçay R.Z., Senocak, R., Gündoğan U., Akman Ö., Yavuz M. Determination of Processing Factors for Lambda-Cyhalothrin, Tetraconazole, Penconazole and Acetamiprid in Cucumber Pickles /2022-2023 (Researcher).
3. PRIMA –TUBİTAK(119N503), Mediterranean Citrus: innovative soft processing solutions for S.M.A.R.T (Sustainable, Mediterranean, Agronomically evolved, nutRitionally enriched, Traditional) products/2020-2023 (Researcher).



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■ **PUBLICATIONS**

■ **INTERNATIONAL ARTICLES AND PAPERS**

■ **Articles Published in International Journals**

1. Akgün, B., Hamzaoğlu, M., Tosunoğlu, H., Demir, S., Deniz, A., & Gökçay, R. Z. (2020). A survey of 59 pesticide residues in Turkish chicken eggs using LC-MS/MS. Food Additives & Contaminants: Part B, 13(4), 252-259.

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

1. Yavuz, H.G., Demir, S., Çalışkan, Ş., Gökçay, R.Z., Habbasha, E.S.E., Porretta, S., Pintado, M., Streitenberger, S., Bingul, F., García, P. (2021). Utilization of Citrus Waste and by-Products. International Symposium on Food Technologies (online), May 17-19, Murcia, Spain.
2. Hamzaoğlu, M., Akgün, B., Tosunoğlu H., Demir, S., Deniz, A., Gökçay, R.Z. (2019). Analysis and method validation of 59 pesticides from different groups by egg liquid chromatography-tandem mass spectrometry. 18th International Chromotography Congress-Istanbul (Poster Presentation).
3. Tosunoğlu H., Hamzaoğlu, M., Akgün, B., Demir, S., Gökçay, R.Z., Deniz, A. (2018). Validation of Pesticide Residue Analysis in Honey Using Quechers Method and LC-MS/MS Technique. 6. International Muğla Beekeeping and Pine Honey Congress (Poster Presentation).
4. Bayramoğlu G., Aydın S., Zengingönül R. (2013). Preparation of Xylan based UV curable coatings from renewable resourcers. EPF2013 European Polymer Congress (Poster Presentation).

■ **NATIONAL ARTICLES AND PAPERS**

■ **Articles Published in National Journals**

1. Hamzaoğlu, M., Demir, S., Tosunoğlu, H., Gökçay, R. Z. & Deniz, A. (2021). Validation of QuEChERS Coupled with LC MS/MS Method for the Determination of Some Pesticide Residues in Honey. Journal of Food and Feed Science-Technology: 25: 48-56 (2021/1).



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

Master Thesis: Biodegradable Polymeric Packaging Materials



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

1. Symposium On Women In Chemistry, 1 July 2021, Netherlands (Online).
2. 3rd Bioenergy Studies Symposium, 20-21 May 2021, Samsun-Turkey (Online).