



TAGEM
R&D AND INNOVATION

CENTRAL RESEARCH INSTITUTE OF FOOD AND
FEED CONTROL / BURSA



Azat AKBAL

Chemist

EDUCATION

- PhD**
2020- Uludag University
Department of Analytical Chemistry
 - MSc**
2014 Uludag University
Department of Analytical Chemistry
 - Bachelor's Degree**
2010 Kocaeli University
Faculty of Science and Literature
- LANGUAGE** English / YDS 58

CAREER

- 2017- /Chemist/ Central Research Institute of Food and Feed Control/ BURSA
- 2015-2017 /Officer / Gemlik Harbor Presidency / Ministry of Transport, Maritime Affairs and Communications/ BURSA
- 2014-2015 / Chemist (Production Staff) / Tezel Katoferesis Kim. cap. Ltd. Sti./ BURSA


ABOUT ME

I was born in 1987 in Diyarbakir. In 2010, he graduated from Kocaeli University Faculty of Science and Literature. He started to work at the Central Research Institute of Food and Feed Control in 2017.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. Private Sector Collaboration Project TAGEM/ Investigation of Invertase (BetaFructofuranosidase) Diastase and HMF Amounts of Various Honey Types with Commercial Potential Produced in Turkey/ 2019-2021/ Assistant Researcher

▪ **Ongoing Projects**

1. 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-Ongoing./ Executive

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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

1. Relation between Silver Nanoparticle Formation Rate and Antioxidant Capacity of Aqueous Plant Leaf Extracts Azat Akbal, M. Haluk Turkdemir, Ahmet Cicek, and Bulent Ulug Hindawi Publishing Corporation Journal of Spectroscopy Volume 2016, Article ID 4083421, 6 pages.

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

1. An Approach to Improve the Relation between Silver Nanoparticle Formation Rate and Antioxidant Capacity of Aqueous Plant Leaf Extracts, International Conference: 10th Aegean Analytical Chemistry Days Çanakkale-Turkey 2016 (29 Sept-2 Oct)

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

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

1. Factors Affecting Enzymatic Browning in Fruits and Vegetables. / Turkey 13th Food Congress Çanakkale, 21-23 October 2020.



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▪ **OTHER PUBLICATIONS**

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

1. Comparison of Antioxidant Capacity Determination Methods in Green Leaves of Some Woody Plants and Suggestion of a New Method. Bursa Uludag University Institute of Science and Technology, Master's Thesis, Bursa.



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

1. Occupational Health and Safety Training, 2018
2. Method Validation and Measurement Uncertainty, 2019.
3. Internal Audit Training according to ISO/IEC17025:2017 and ISO 19011:2018, 2019
4. Validation and Validation of Methods in Chemical and Physical Analysis, 2019.
5. Basic First Aid Training, 2021.