

## Lect. PhD ASENA AVCI AKCA

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: IQR-6591-2023

ScopusID: 58953683000

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### Education Information

Doctorate, University of London-Queen Mary and Westfield College, School of Medicine and Dentistry, Forensic Sciences, England 2018 - 2022

Postgraduate, University of London-Queen Mary and Westfield College, School of Medicine and Dentistry, Forensic Medical Sciences, England 2016 - 2016

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2008 - 2014

### Certificates, Courses and Trainings

Other, Ulusal ve Uluslararası Proje Hazırlama Eđitimi, Ankara Üniversitesi, 2023

### Dissertations

Doctorate, Identification and Analysis of Drug-Impregnated Paper Samples from English prisons between 2018-2020, University of London-Queen Mary and Westfield College, School of Medicine and Dentistry, Clinical Pharmacology, 2022

Postgraduate, The effects of diet and regular mixers on alcohol pharmacokinetics, University of London-Queen Mary and Westfield College, 2017

### Research Areas

Forensic Medicine (Medical Jurisprudence), Analytical Chemistry, Separation Methods, Chromatographic Analysis, Mass Spectroscopy, Sample preparation

### Academic Titles / Tasks

Lecturer PhD, Ankara University, Adli Bilimler Enstitüsü, Adli Toksikoloji Anabilim Dalı, 2023 - Continues

Lecturer PhD, Akdeniz University, Faculty of Science, Department of Biology, 2023 - Continues

## Courses

### Postgraduate

Special Topics in Forensic Toxicology and Case Reports, Postgraduate, 2024 - 2025

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Analysis of drug-impregnated paper samples seized in English prisons between 2018 and 2020**  
Akca A., Couchman L., Frinculescu A., Johnston A.  
Forensic Science International, vol.357, 2024 (SCI-Expanded)

## Books

- I. **TRANSNATIONAL STRATEGIES: EVIDENTIAL APPROACHES TO NPS DETECTION IN PRISONS**  
Avcı Akca A.  
in: INNOVATIVE APPROACHES IN FORENSIC SCIENCE: SCIENTIFIC METHODS, TECHNOLOGY, AND EVIDENCE MANAGEMENT, GÜLEKÇİ YAKUP, Editor, BZT TURAN PUBLISHING HOUSE, Delaware, pp.175-202, 2024

## Papers Published in Refereed Scientific Meetings

- I. **TRENDS AND CHALLENGES OF NEW PSYCHOACTIVE SUBSTANCES IN TÜRKİYE: A DECADE OF CHANGE**  
AVCI AKCA A., DAĞLIOĞLU N., ERTAŞ B. S., YALÇIN ŞAHİNER Ş., ÜNÜVAR N.  
5th Regional Tiaft Meeting in Türkiye, Diyarbakır, Turkey, 9 - 11 October 2024
- II. **Evaluation of BAC levels determined in traffic accident cases admitted to the emergency department in Adana, Türkiye**  
ATASOY AYDIN A., AVCI AKCA A., GÖREN İ. E., AYDIN İ., DAĞLIOĞLU N.  
61st Annual Meeting of TIAFT, St. Gallen, Switzerland, 2 - 06 September 2024, pp.262
- III. **Alcohol and Psychoactive Drug Analysis in Aviation Personnel: Situation in Türkiye**  
Avcı Akca A., Atasoy Aydın A., Dağlıoğlu N.  
European Workplace Drug Testing Society (EWDTS) Conference 2023 , İstanbul, Turkey, 12 - 13 October 2023, pp.1
- IV. **EFFECT OF ARTIFICIAL SWEETENERS VERSUS REGULAR MIXERS ON BREATH ALCOHOL CONCENTRATION**  
Avcı Akca A., Johnston A.  
BALKAN ACADEMY OF FORENSIC SCIENCES 14th ANNUAL SCIENTIFIC MEETING, İstanbul, Turkey, 5 - 08 October 2023, pp.1
- V. **İNGİLİZ CEZAEVLERİNDEN TOPLANAN UYUŞTURUCU EMDİRİLMİŞ KAĞITLARDA UYUŞTURUCU TESPİTİ**  
Avcı Akca A., Couchman L., Johnston A., Frinculescu A.  
Jandarma ve Sahil Güvenlik Akademisi III. Uluslararası Güvenlik Kongreleri Kriminalistik ve Kriminoloji Kongresi, Ankara, Turkey, 28 - 29 September 2023, pp.1
- VI. **Detection of Drugs in Drug-Infused Papers Collected from English Prisons**  
Avcı Akca A., Couchman L., Johnston A., Frinculescu A.  
The 60th International Association of Forensic Toxicologists Meeting, Rome, Italy, 27 - 31 August 2023, pp.1
- VII. **Analysis of drug-impregnated paper from English prisons between 2018 and 2020**  
AVCI AKCA A., JOHNSTON A., COUCHMAN L., FRINCULESCU A., SHINE T.  
30th meeting of SFTA- 59th meeting of TIAFT, Versailles, France, 5 - 08 September 2022, no.3
- VIII. **Identification and Analysis of Drug-Impregnated Paper from Prisons in England and Wales between 2018 And 2020**

Avcı Akca A., Couchman L., Johnston A., Frinculescu A., Shine T.

5th Annual Current Trends in Forensic Toxicology On-Line Symposium, 16 - 20 May 2022, pp.1

**IX. Identification and Analysis of Drug-Impregnated Paper from Prisons in England and Wales between 2018 And 2020**

Avcı Akca A., Frinculescu A., Shine T., Couchman L., Johnston A.

Forensic Sciences Symposium & Online IACFT Turkish Speakers' Day, 01 April 2022

**X. Qualitative Analysis of Drug Impregnated Paper Samples from England and Wales Prisons in 2019 and 2020**

Avcı Akca A., Frinculescu A., Shine T., Couchman L., Johnston A.

The 58th Annual Meeting of the International Association of Forensic Toxicologists, , 1 - 03 February 2022, pp.1

**XI. Qualitative analysis of drug impregnated paper samples from England and Wales prisons in 2019 and 2020**

Avcı Akca A., Couchman L., Frinculescu A.

VIII International Conference on Novel Psychoactive Substances (NPS) Online, 17 - 19 November 2021, pp.1

**XII. Qualitative Analysis of Drug Impregnated Paper Samples from England and Wales Prisons in 2019 and 2020**

Avcı Akca A., Couchman L., Frinculescu A., Johnston A., Shine T.

69th ASMS Conference on Mass Spectrometry and Allied Topics, 31 October - 04 November 2021, pp.1

**XIII. Qualitative Analysis of Drug Impregnated Paper Samples from England and Wales Prisons in 2019 and 2020**

Avcı Akca A., Frinculescu A., Shine T., Couchman L., Johnston A.

MSACL 2021 EU Virtual, 31 August - 03 September 2021, pp.1

**XIV. Analysis of Drugs on Impregnated Prison Letter Samples Using LC/Q-TOF-MS**

Avcı A., Couchman L., Frinculescu A., Johnston A.

SOFTember Virtual Program, 9 - 30 September 2020, pp.17

**XV. THE EFFECTS OF DIET AND REGULAR MIXERS ON ALCOHOL PHARMACOKINETICS**

Avcı A., Tucker A. T., Rahman M., Johnston A.

UKIAFT 2018 Annual AGM & Conference, Dublin, Ireland, 1 - 02 November 2018, pp.1

**XVI. The Effects of Diet and Regular Mixers on Alcohol Pharmacokinetics**

Avcı A., Johnston A., Tucker A. T., Rahman M.

3rd Regional TIAFT Meeting in Turkey, Drug Abuse & Crime Symposium, Nevşehir, Turkey, 18 - 20 October 2018, pp.1

## Supported Projects

Avcı Akca A., Atasoy Aydın A., Akgür S. A., Şener H., Aslan R., Dağlıoğlu N., Project Supported by Higher Education Institutions, Kurutulmuş Tükürük Örneklerinde Yasa Dışı Maddeler ve Alkol Biyobelirtici PEth Tayini İçin Yöntem Geliştirilmesi ve Gerçek Örneklerle Uygulanması, 2024 - 2025

## Tasks In Event Organizations

Avcı Akca A., 5th Regional Tiaft Meeting in Türkiye, Scientific Congress, Diyarbakır, Turkey, Ekim 2024

Avcı Akca A., Adli Bilimler Şenliği, Social Activities, Ankara, Turkey, Mayıs 2024

## Scholarships

YLSY, Ministry of Education, 2016 - 2022