

# ► Barla Ioanna

M.Sc. Student at University of Athens

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## Education

**B.Sc. in Chemistry (2014-2018)**, National and Kapodistrian University of Athens, Grade: 7.2/10

**M.Sc. in Chemical Analysis & Quality Assurance (2018-2020 expected)**, National and Kapodistrian University of Athens

## Research Topics:

**Undergraduate Thesis:** Method Validation for determination of coccidiostats' residues in muscle tissues, by LC-MS/MS, according to EU Directive 2002/657/EC", Laboratory of Analytical Chemistry, Department of Analytical Chemistry, University of Athens (2018).

**Master Thesis:** Development of methodology for the thorough characterization of dairy products authentication using High Resolution Mass Spectrometry MALDI-TOF-MS, Laboratory of Analytical Chemistry, Chemistry department, National and Kapodistrian University of Athens(2019-2020).

## Research Interests

**General research interests:** Method Development, Reversed Phase Liquid Chromatography (RP-LC) and Hydrophilic interaction chromatography (HILIC)- tandem mass spectrometry (LC-MS/MS), Mass spectrometry detection, High Resolution Mass Spectrometry (HRMS), Determination of veterinary drug residues in food, Food Authenticity, Matrix-Assisted Laser Desorption/Ionization- tandem Time-of-Flight (MALDI-TOF) MS analysis, Proteomics and Peptidomics Analysis, Sample preparation techniques (QuECHERS, liquid-liquid extraction, ultrasonic extraction, solid phase extraction etc).

## Conferences Presentations

1. Anastasia S. Kritikou, Dimitrios E. Damalas, Ioanna V. Barla, Reza Aalizadeh, Volker Sauerland, Carsten Baessmann, Nikolaos S. Thomaidis, "Novel MALDI-TOF-MS-based methodology for rapid detection of PDO feta cheese adulteration", 11th International Conference on "Instrumental Methods of Analysis" (IMA-2019), 22-25 September 2019, Ioannina, Greece

## Professional Experience

Analyst (2018-present), Laboratory of Analytical Chemistry, Department of Chemistry, National and Kapodistrian University of Athens.

## Professional Affiliations

Association of Greek Chemists, 2019-Present

## Contact information

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