

## ▶ Galani Aikaterini

PhD Candidate at University of Athens

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### Education

**B.Sc. in Chemistry (2012-2016)**, National and Kapodistrian University of Athens

**M.Sc. in Pharmaceutical Analysis & Quality Control (2017-2019)**, National and Kapodistrian University of Athens

**Ph.D. in Analytical Chemistry (2019-present)**, National and Kapodistrian University of Athens

### Research Topics:

**Undergraduate Thesis:** "Validation of an HPLC method for determination of cimetidine drug and study its degradation by ozonolysis", Laboratory of Analytical Chemistry, Chemistry department, University of Athens, Greece (2016)

**Master Thesis:** "Determination of licit and illicit drugs in wastewater of Athens by LC-MS/MS and LC-HRMS", Laboratory of Analytical Chemistry, Chemistry department, University of Athens, Greece (2018-2019)

**Ph.D. Thesis:** "Large-scale monitoring campaigns of contaminants of emerging concern in the environment employing high resolution mass spectrometry", Laboratory of Analytical Chemistry, Chemistry department, University of Athens, Greece (2019-present)

### Research Interests

**General research interests:** CECs in the environment, Target screening, Suspect screening, Non-target screening, High Resolution Mass Spectrometry (HRMS)

#### Projects:

2019 –present: Joint Danube Survey 4 (JDS4)

2019 –present: Environmental Monitoring in the Black Sea (EMBLAS-Plus)

### Publications in journals and books

1. Konstantina Diamanti, Reza Aalizadeh, Nikiforos Alygizakis, Aikaterini Galani, Marie Mardal, Nikolaos S.Thomaidis "Wide-scope target and suspect screening methodologies to investigate the occurrence of new psychoactive substances in influent wastewater from Athens, *Science of the Total Environment*, Volume 685, October 2019, Pages 1058-1065, doi: <https://doi.org/10.1016/j.scitotenv.2019.06.173>

### Conferences Presentations

1. K. Galani, N. Alygizakis,, N. Thomaidis, “A nine-year study on the temporal changes of licit and illicit drug use patterns as revealed from the chemical analysis of influent wastewater from the wastewater treatment plant of Athens”, CEST 2019, 5-7 September, 2019, Rhodes, Greece (Flash Presentation)

### Contact information

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