

# ▶ Anthi Panara

Ph.D. Candidate at University of Athens

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## Education

**B.Sc. in Chemistry (2005-2009)**, University of Athens, Grade: 7.64/10

**M.Sc. in Chemical Analysis & Quality Control (2012-2014)**, University of Athens, Grade 9.64/10

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

## Research Topics

**Undergraduate Thesis:** "Comparative study of two different speciation methods for the determination of hexavalent chromium in water samples using electrothermal atomic absorption spectrometry Laboratory of Analytical Chemistry, Chemistry department, University of Athens, Greece (2009).

**Master Thesis:** "Development and validation of a HILIC-UV method for the simultaneous determination of nucleotides in infant formulas", Laboratory of Analytical Chemistry, Chemistry department, University of Athens, Greece (2012-2014).

**Ph.D. Thesis:** ""Chemical characterization of herbal products with advanced high resolution mass spectrometric methods"", Laboratory of Analytical Chemistry, Chemistry department, University of Athens, Greece (2019-present).

## Research Interests

**General research interests:** Food and herbal authenticity, Chemical characterization of foods and herbal products with advanced high resolution mass spectrometric methods via target, suspect, non-target screening and chemometric methods, High Resolution Mass Spectrometry (HRMS), Development of liquid chromatography mass spectrometry methods, Reversed Phase Liquid Chromatography (RP-LC) and Hydrophilic interaction chromatography (HILIC)

## Publications in journals

M. G. Kostakis, I. N. Pasiyas, V. L. Borova, A. K. Panara, N. S. Thomaidis, Comparative study of two different speciation methods for the determination of hexavalent chromium in water samples using electrothermal atomic absorption spectrometry, *Current Analytical Chemistry*, 2013, 9, 288-295, doi: 10.2174/1573411011309020013).

## Conferences Presentations

1. M.G. Kostakis, V.L. Borova, A.K. Panara, I.N. Pasiyas, N.S. Thomaidis, " Comparison of two different speciation methods for the determination of hexavalent chromium water samples by ETAAS ", AACD2010, 29/09-03/10/2010, Lesvos, Greece, p 176 (P2-34) (poster presentation).
2. A.K. Panara, I.N. Pasiyas, N.S. Thomaidis, "Development and validation of an HILIC-UV method for the simultaneous determination of nucleotides in infant formula", AACD2014, 29/09-03/10/2014, Chios, Greece (poster presentation).
3. [A. Panara, M. Kostakis, G. Gkotsis, R. Aalizadeh, N. Thomaidis](#) " Characterization of Chemical Profile of

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Pelargonium Sidoides Rhizome Using LC-QTOF/MS", AACD2018, 25/09-29/09/2018, Chania, Greece (poster presentation).

4. M. Kostakis A. Panara, , G. Gkotsis, R Aalizadeh, N.Thomaidis " Metabolomic fingerprint of Sideritis Scardica by a novel LC-QTOF/MS workflow ", AACD2018, 25/09-29/09/2018, Chania, Greece (poster presentation).

### Professional Affiliations

- Association of Greek Chemists, 2010-Present
- Hellenic Mass Spectrometry Society, 2012-Present
- Trace Analysis and Mass Spectrometry Group (TrAMS group), 2012-Present.

### Contact information

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