



► Boinis Nikolaos

M.Sc. Student at University of Athens

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Education

B.Sc. in Chemistry (2011-2022), University of Patras, Grade: 7,29/10

M.Sc. in Chemical Analysis & Quality Control (2022-present), National and Kapodistrian University of Athens

Research Topics

Undergraduate Thesis: “Determination of organic environmental pollutants in organisms from lower trophic levels by Gas Chromatography coupled with High Resolution Mass Spectrometric techniques”.

Research Interests

General research interests:

- Sample preparation techniques (Accelerated Solvent Extraction, Solid Phase Extraction, QuEChERS)
- Reversed Phase-Liquid Chromatography (RP-LC)
- Gas Chromatography (GC)
- High Resolution Mass Spectrometry (HRMS)
- Environmental Chemistry (monitoring of priority and emerging pollutants in environmental samples)
- Organic Pollutants, Environmental Analysis

Projects:

- 2021-2022: “HELCOM pre-EMPT project”, collaboration with Baltic Marine Environment Protection Commission (Helsinki Commission – HELCOM)
- 2022: Participation in research conducted in collaboration with the Landesanstalt für Umwelt, Messungen und Naturschutz Baden-Württemberg (LUBW)

- 2022-present: Wide - scope target analysis of contaminants of emerging concern and their transformation products in environmental samples from Israel (collaboration with The Hebrew University of Jerusalem, HUJI)

Professional Affiliations

Association of Greek Chemists, 2022-present

Contact information

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