



► Lougkovois Rallis

Ph.D. Candidate at University of Athens

Phone: +30 2107274430

e-mail: rlougkovois@chem.uoa.gr

Education

B.Sc. in Chemistry (2014-2020), University of Athens

M.Sc. in Chemical Analysis & Quality Control (2021-2023), University of Athens

Ph.D. in Analytical Chemistry (2023-present), National and Kapodistrian University of Athens

Research Topics

Undergraduate Thesis: “Development of electrochemical sensor via 3D-printing for the determination of psychoactive substances in biological fluids”.

Master Thesis: “Wastewater analysis from wastewater treatment plants of Greece via LC-MS/MS and LC-HRMS techniques”.

PhD Thesis: “Development of sophisticated analytical workflows utilizing High Resolution Mass Spectrometric techniques and state-of-the-art chemometric tools for environmental monitoring in the East Mediterranean marine ecosystem”

Research Interests

General research interests: Method development, sample preparation techniques (solid phase extraction), Reversed Phase Liquid Chromatography (RPLC), environmental monitoring, High Resolution Mass Spectrometry (HRMS), mass spectrometric detection, separation techniques and mass spectrometry, priority pollutants, emerging contaminants, environmental analysis

Projects:

2022 – 2023: Development of an Intelligent Epidemiological Surveillance and Environmental Health Monitoring System based on wastewater epidemiology (funding: Hellenic National Public Health Organization)

2023 – present: RHE-MEDIation - Responsive hub for long term governance to destress the Mediterranean Sea from chemical pollution (funding: HORIZON EU)

Publications in journals and books

- Ragazou, K.; Lougkovois, R.; Katseli, V.; Kokkinos, C. Fully Integrated 3D-Printed Electronic Device for the On-Field Determination of Antipsychotic Drug Quetiapine. *Sensors* **2021**, *21*, 4753. [\[PDF\]](#)

Contact information

Rallis V. Lougkovois

Office: 4th floor, Wing D, Room 8

Phone: 210 7274430

Postal Address: Panepistimioupoli Zografou, Postal Code:15771, Athens, Greece

Email: rlougkovois@chem.uoa.gr