



## **Dr. Dimitrakoudi. A. Evangelia**

Lecturer, Department of Chemistry,  
Democritus University of Thrace (DUTH) Kavala, Greece.  
E-mail: [edimitrak@chem.duth.gr](mailto:edimitrak@chem.duth.gr)

### **EDUCATION**

Department of Chemistry, Aristotle University of Thessaloniki (1986).

Master MSc: “Post Graduate Diploma in Chemistry with an emphasis in Advanced Chemical Analysis”, Aristotle University of Thessaloniki (2004).

PhD. (2009): Department of Chemistry, Aristotle University of Thessaloniki.

### **EDUCATIONAL EXPERIENCE**

(March 2024 – since present): Lecturer of Analytical Chemistry at the Department of Chemistry at the Democritus University of Thrace (DUTH) Greece.

(12/04/2019- March 2024): Lecturer of Analytical Chemistry at the Department of Chemistry at the International Hellenic University (IHU) Greece.

(2013 - 2019): Scientific Associate at the Department of Oenology and Beverage Technology at the Eastern Macedonia and Thrace Institute of Technology (EMaTTech)

(1990-2013): Laboratory Assistant at the Department of Science of Petroleum Engineering , Eastern Macedonia and Thrace Institute of Technology (EMaTTech).

### **RESEARCH PROGRAMS**

Fields of research activities:

- Analytical Chemistry
- Organic chemistry
- Archaeometry – Analysis of organic residues in ancient pottery

(2012 – 2015). THALIS “Exploitation of resources during the Neolithic Period in northern Greece: MATERIAL CULTURE AND ENVIRONMENT. Researcher in the

context of Action 3 "Application of modern methods and laboratory techniques of Organic Analytical Chemistry in the study of organic residues of ancient macromolecules in ceramic vessels of Northern Greece"

(2008-2009). Researcher in the Research Funds Special Account Scientific Program of (EMaTTech). "Analysis and study of Organic residues in Ancient Ceramic Vessels".

(2005-2008). Researcher in a research program "ARCHIMEDES" Application of Analytical Methods to the Study of Organic Residues in Ancient Ceramic Vessels".

(2000-2001). Water pollution control program of the Prefecture of Kavala. Member of the research team.

### **LIST OF RELATIVE PUBLICATIONS**

- 1) Sofia Mitkidou, **Evaggelia Dimitrakoudi**, Nikolaos Kokkinos, Olga Bajcev, Slavisa Peric, Dushka Urem-Kotsou. "Chemical analysis of tarry materials found on pottery from Neolithic settlements in Serbia". The Neolithic in the Middle Morava Valley, Series of the Institute of Archaeology, Belgrade, No 3, pp. 47-58 (2019).
- 2) Dushka Urem-Kotsou, Sofia Mitkidou, **Evaggelia Dimitrakoudi**, Nikolaos Kokkinos, Maria Ntinou. Following their tears: production and use of plant exudates in the Neolithic of North Aegean and the Balkans, Quaternary International, Quaternary International \_2018\_volume 496, pp 68-79. doi.org/10.1016/j.quaint.2018.10.027.  
(<http://www.sciencedirect.com/science/article/pii/S1040618218306979>). Cited 1.
- 3) **Dimitrakoudi, E.A.**, Mitkidou, S.A., Urem-Kotsou, D., Kotsakis, K., Stephanidou-Stephanatou, J., Stratis, J.A. Characterization by gas chromatography-mass spectrometry of diterpenoid resinous materials in Roman-age amphorae from northern Greece (2011) European Journal of Mass Spectrometry, 17 (6), pp. 581-591. DOI: 10.1255/ejms.1155. Cited 4.
- 4) Mitkidou, S., **Dimitrakoudi, E.**, Urem-Kotsou, D., Papadopoulou, D., Kotsakis, K., Stratis, J.A., Stephanidou-Stephanatou, I. Organic residue analysis of Neolithic pottery from North Greece (2008) Microchimica Acta, 160 (4), pp. 493-498. DOI: 10.1007/s00604-007-0811-2. Cited 19.

- 5) Zachariadis G, **Dimitrakoudi E**, Anthemidis A, Stratis J (2006). Optimized microwave-assisted decomposition method for multi-element analysis of glass standard reference material and ancient glass specimens by inductively coupled plasma atomic emission spectrometry. *Talanta*. 28;68(5):1448-56
- 6) J.A. Stratis, G.A. Zachariadis, **E.A. Dimitrakoudi**, and V. Simeonov (1998). Critical comparison of decomposition procedures for atomic absorption spectrometric analysis of prehistorical ceramics. *Fresenius Z Anal Chem* 331: 725-729

#### **PARTICIPATION IN INTERNATIONAL CONFERENCES -JOURNAL ARTICLES**

- 1) International Conference on 'Northern Greece and Southeastern Europe during the Neolithic period. An Interaction Zone', Thessaloniki 2014. H. Whelton, M. Roffet-Salque, S. Mitkidou, **E. Dimitrakoudi**, N. Kokkinos, K. Kotsakis, D. Urem-Kotsou, A. Athanassiadou, M. Besios, A. Chrysostomou, P. Halstead, A. Hondroyanni, S. Kotsos, M. Pappa and R. P. Evershed: Investigating diet and Subsistence Patterns in Neolithic Greece using Lipid Residues in Pottery.
- 2) "Identification of Archaeological Adhesives by GC-MS from the neolithic site of Drenovac (Serbia)", Sophia Mitkidou, **Evagelia Dimitrakoudi**, Dushka Urem-Kotsou, Despina Papadopoulou, Kostas Kotsakis, John A. Stratis, Julia Stephanidou-Stephanatou, 5<sup>th</sup> International Conference on Instrumental Methods of Analysis Modern Trends and Applications (2007).
- 3) Organic residue analysis of Neolithic pottery from North Greece. **Evagelia Dimitrakoudi**, Sophia Mitkidou\* Despina Papadopoulou, Dushka Urem-Kotsou, Kostas Kotsakis, Ioulia Stephanidou-Stephanatou, John Stratis. (oral presentation) 5<sup>th</sup> International Conference Aegean Analytical Days, October 2006.  
(web.auth.gr/aegean\_acd\_2006/index.html)
- 4) Analysis of resins from the Roman Age Greek Pottery by gas chromatography-mass spectrometry. **Evagelia Dimitrakoudi**, Sophia Mitkidou, Despina Papadopoulou, Dushka Urem-Kotsou, Kostas Kotsakis, Ioulia Stephanidou-Stephanatou, John Stratis. (poster presentation) 5<sup>th</sup> International Conference Aegean Analytical Days, October 2006.

