

CURRICULUM VITAE

Sevasti – Kiriaki Zervou

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Education

Dec. 2011 – Jul. 2018: Ph. D. in Chemistry

Department of Chemistry, National and Kapodistrian University of Athens in collaboration with NCSR “Demokritos” - *Ph.D. Dissertation: “Method development for the determination of Cyanotoxins and Organic Pollutants in water with liquid chromatography – tandem mass spectrometry”*

Oct. 2009 – Nov. 2011: M.Sc. in Analytical Chemistry – Quality Control

Department of Chemistry, National and Kapodistrian University of Athens in collaboration with NCSR “Demokritos” - *M.Sc Dissertation: “Determination of Pesticides and Cyanotoxins in water with solid phase extraction and liquid chromatography – tandem mass spectrometry techniques (SPE, LC-MS/MS)”*

Sep. 2004 - Mar. 2009: B.Sc. in Chemistry

Department of Chemistry, National and Kapodistrian University of Athens - *B.Sc Dissertation: “Method development and validation for determination of pesticides in water with SPE, HPLC-UV and comparison with ELISA technique”*

Projects - Mobility

Nov. 2019 – Nov. 2021: Laboratory of Photo-Catalytic Processes and Environmental Chemistry, Institute of Nanoscience and Nanotechnology, NCSR Demokritos, Greece

Postdoctoral Researcher - Project “Identification of bioactive cyanopeptides from Greek lakes”. Fellowship by State Scholarships Foundation (IKY), Greece

Jul. 2021: Department of Pharmacy, University of Naples Federico II, Napoli, Italy

Guest Researcher - Project “Investigation for the presence of marine toxins in the mucilage event from Aegean Sea using LTQ-Orbitrap XL FTMS (LC-HRMS)” in collaboration to Prof. Carmela Dell’Aversano and Prof. Luciana Tartaglione

Jan. 2021 – Feb. 2021: Institute of Analytical Sciences and Physico-Chemistry for Environment and Materials (IPREM), E2S UPPA, CNRS, Pau, France

Guest Researcher - Project “Study of cyanotoxins profile in lake Karaoun, Lebanon using Orbitrap Fusion Lumos Tribrid MS (LC-HRMS)” in collaboration to Prof. Ryszard Lobinski & Prof. Joanna Szpunar

Jul. 2020 – Aug. 2021: Laboratory of Photo-Catalytic Processes and Environmental Chemistry, Institute of Nanoscience and Nanotechnology, NCSR Demokritos, Greece.

Postdoctoral Researcher in the frame of Action titled “National Network on Climate Change and its Impacts—Climpact” of Research topic title “Investigation of harmful algal blooms (HABs) in freshwater bodies and their correlation with climate change”.

Sep. 2019 – Nov. 2019: Laboratory of Organic Micropollutants – Water Quality Control Department, Athens Water Supply and Sewerage Company - EYDAP SA, Greece

Postdoctoral Researcher - Project “Application of bioassays ELISA and PPIA, qPCR analysis and GC-MS/MS analysis for the detection of cyanobacterial metabolites and their genes in water samples” in collaboration to Dr. Triantafyllos Kaloudis

Jun. 2018 – Sep. 2019: Aristotle University of Thessaloniki, School of Biology in collaboration with NCSR Demokritos, Institute of Nanoscience and Nanotechnology, Laboratory of Nanomaterial-Based Catalytic-Photocatalytic Processes and Environmental Analysis

Doctoral Researcher in the frame of project “New bioactive compounds with anticancer/antioxidant potential from sponge-associated cyanobacteria”

Jan. 2016 – Feb. 2016: University of Gdansk, Department of Marine Biotechnology, Institute of Oceanography, Gdynia, Poland

Sort Term Scientific Mission (STSM) “Analysis of cyanobacterial metabolites and their correlation with the cyanobacterial species” supervised by Prof. Hanna Mazur-Marzec. Granted by CYANOCOST COST Action ES1105.

Sep. 2012 – Today: NCSR Demokritos, Institute of Nanoscience and Nanotechnology, Laboratory of Environmental Analysis

Analyst at the accredited for cyanotoxins analysis according to ISO 17025, Laboratory of Environmental Analysis of NCSR “Demokritos”

Methods development and occupation with analytical techniques such as: Liquid Chromatography – Tandem Mass Spectrometry (LC-MS/MS), Gas Chromatography – Mass Spectrometry (GC-MS), Liquid Chromatography – Ultra Violet detector (HPLC-UV), Gas Chromatography – Electron Capture Detector (GC-ECD), Gas Chromatography – Flame Ionization Detection (GC-FID), Enzyme-Linked Immune-Sorbent Assay (ELISA), Solid Phase Extraction (SPE), Solid Phase Micro-extraction (SPME)

Sep. 2012 – Sep. 2015: NCSR Demokritos, Institute of Nanoscience and Nanotechnology, Laboratory of Nanomaterial-Based Catalytic-Photocatalytic Processes and Environmental Analysis

Doctoral Researcher in the frame of Action “ARISTEIA” - “CYANOWATER” research program entitled: “Cyanotoxins in fresh water. Advances in analysis, occurrence and treatment” of Research topic title: “Development of new advanced analytical methods for the determination of cyanotoxins in environmental samples”

Grands – Awards

- ♦ **Toxins 2020 Best Paper Award** for the article “Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins”
- ♦ **Fellowship by State Scholarships Foundation (IKY), Greece** for Post-doctoral research “Identification of bioactive cyanopeptides from Greek lakes”
- ♦ **Best Presentation Award by Hellenic Mass Spectrometry Society (HMSS)** for the presentation «*Optimization of Solid Phase Extraction (SPE) and LC-ESI-MS/MS for the Determination of Cyclic Peptide Cyanotoxins (CPCs) in Water*», S.-K. Zervou, T. Triantis, T. Kaloudis, A. Hiskia at the 8th International Conference of Instrumental Methods of Analysis - Modern Trends and Applications (IMA 2013), 15 - 19 September, 2013, Thessaloniki, Greece

- ♦ **Grand by NETLAKE (ESSEM) COST Action ES1201** for the attendance of «*Training School for Analysis of High Frequency Data from Lake Monitoring Systems*» of NETLAKE COST Action, 1- 4 June, 2015, Rannu parish, Tartu County, Estonia
- ♦ **Best Presentation Award by Hellenic Mass Spectrometry Society (HMSS)** for the presentation «*Development of a multi-class analytical method for the determination of cyanotoxins in water using SPE, LC-ESI-MS/MS*», S.-K. Zervou, C. Christophoridis, T. Kaloudis, T. Triantis, A. Hiskia at the 3rd Mediterranean Sea Region Countries Mass Spectrometry (MEDMS III) Workshop, 28 June – 2 July, 2015, Athens, Greece
- ♦ **Grand by CYANOCOST COST Action ES1105** for Sort Term Scientific Mission (STSM) «*Analysis of cyanobacterial metabolites and their correlation with the cyanobacterial species*» at the University of Gdansk, 11 January - 19 February, 2016 supervised by Prof. Hanna Mazur-Marzec
- ♦ **Grand by International Mass Spectrometry Foundation (IMSF)** for the attendance of «*3rd International Mass Spectrometry School & 11th Mass Spectrometry in Biotechnology & Medicine Summer School*» of International Mass Spectrometry Foundation (IMSF) and Nederlandse Vereniging voor Massaspectrometrie (NVMS) at the Centre for Advanced Academic Studies (CAAS), 2-8 July, 2017, Dubrovnik, Croatia

Reviewer for scientific journals

- ♦ Toxins
- ♦ Marine and Freshwater Research
- ♦ Toxicon

Memberships

- ♦ WaterTOP COST Action CA18225 «Taste and Odor in early diagnosis of source and drinking Water Problems»
- ♦ CYANOCOST Action ES1105 «Cyanobacterial blooms and toxins in water resources: Occurrence, impacts and management»
- ♦ NETLAKE (ESSEM) COST Action ES1201 «Networking Lake Observatories in Europe»

Publications

1. S.-K. Zervou, T. Kaloudis, S. Gkelis, A. Hiskia, H. Mazur-Marzec «*Anabaenopeptins from Cyanobacteria in Freshwater Bodies of Greece*» **Toxins** (2022) Vol. 14, Article number 4 <https://doi.org/10.3390/toxins14010004>
2. S.-K. Zervou, K. Moschandreou, A. Paraskevopoulou, C. Christophoridis, E. Grigoriadou, T. Kaloudis, T. M. Triantis, V. Tsiadoussi, A. Hiskia «*Cyanobacterial Toxins and Peptides in Lake Vegoritis, Greece*» **Toxins** (2021) Vol. 13, Article number 394 <https://doi.org/10.3390/toxins13060394>
3. N.A. Hammoud, S.-K. Zervou, T. Kaloudis, C. Christophoridis, A. Paraskevopoulou, T. M. Triantis, K. Slim, J. Szpunar, A. Fadel, R. Lobinski, A. Hiskia «*Investigation of the occurrence of cyanotoxins in lake karaoun (Lebanon) by mass spectrometry, bioassays and molecular methods*» **Toxins** (2021) Vol. 13, Article number 716 <https://doi.org/10.3390/toxins13100716>

4. D. Donis et al «*Stratification strength and light climate explain variation in Chlorophyll-a at the continental scale in a European multilake survey in a heatwave summer*» **Limnology and Oceanography** (2021) Vol. 66(12), pp. 4314–4333 <https://doi.org/10.1002/lno.11963>
5. S.-K. Zervou, S. Gkelis, T. Kaloudis, A. Hiskia, H. Mazur-Marzec «*New microginins from cyanobacteria of Greek freshwaters*» **Chemosphere** (2020) Vol. 248, Article number 125961 <https://doi.org/10.1016/j.chemosphere.2020.125961>
6. S.-K. Zervou, T. Kaloudis, A. Hiskia, H. Mazur-Marzec «*Fragmentation mass spectra dataset of linear cyanopeptides – microginins*» **Data in Brief** (2020) Vol. 31, Article number 105825 <https://doi.org/10.1016/j.dib.2020.105825>
7. D. Konstantinou, E. Mavrogonatou, S.-K. Zervou, P. Giannogonas, S. Gkelis «*Bioprospecting Sponge-Associated Marine Cyanobacteria to Produce Bioactive Compounds*» **Toxins** (2020) Vol. 12(2), 73 <https://doi.org/10.3390/toxins12020073>
8. S. Gkelis, M. Panou, D. Konstantinou, P. Apostolidis, A. Kasampali, S. Papadimitriou, D. Kati, G.-M. Di Lorenzo, S. Ioakeim, S.-K. Zervou, C. Christophoridis, T. M. Triantis, T. Kaloudis, A. Hiskia, M. Arsenakis «*Diversity, Cyanotoxin Production, and Bioactivities of Cyanobacteria Isolated from Freshwaters of Greece*» **Toxins** (2019), Vol. 11(8), Article number 436 <https://doi.org/10.3390/toxins11080436>
9. D. Konstantinou, E. Voultziadou, E. Panteris, S.-K. Zervou, A. Hiskia, S. Gkelis «*Leptothoe, a new genus of marine cyanobacteria (Synechococcales) and three new species associated with sponges from the Aegean Sea*» **Journal of Phycology** (2019) Vol. **, pp. ** <https://doi.org/10.1111/jpy.12866>
10. M.G. Krokidis, M. Louka, E.K. Efthimiadou, S.-K. Zervou, K. Papadopoulos, A. Hiskia, C. Ferreri, C. Chatgililoglu «*Membrane Lipidome Reorganization and Accumulation of Tissue DNA Lesions in Tumor-Bearing Mice: An Exploratory Study*» **Cancers** (2019) Vol. 11(4), Article number 480 <https://doi.org/10.3390/cancers11040480>
11. C. Christophoridis, S.-K. Zervou, K. Manolidi, M. Katsiapi, M. Moustaka-Gouni, T. Kaloudis, T.M. Triantis, A. Hiskia «*Occurrence and diversity of cyanotoxins in Greek lakes*» **Nature Scientific Reports** (2018) Vol. 8(1), Article number 17877 <https://doi.org/10.1038/s41598-018-35428-x>
12. M. Panou, S.-K. Zervou, T. Kaloudis, A. Hiskia, S. Gkelis, «*A Greek *Cylindrospermopsis raciborskii* strain: Missing link in tropic invader's phylogeography tale*» **Harmful Algae** (2018) Vol. 80, pp. 96-106 <https://doi.org/10.1016/j.hal.2018.10.002>
13. E. Mantzouki et al «*A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins*» **Nature Scientific Data** (2018) Vol. 5, Article number 180226 <https://doi.org/10.1038/sdata.2018.226>
14. A. Minasyan, C. Christophoridis, A. E. Wilson, S.-K. Zervou, T. Kaloudis, A. Hiskia «*Diversity of cyanobacteria and the presence of cyanotoxins in the epilimnion of Lake Yerevan (Armenia)*» **Toxicon** (2018) Vol. 150, pp. 28-38 <https://doi.org/10.1016/j.toxicon.2018.04.021>
15. E. Mantzouki et al «*Temperature effects explain continental scale distribution of cyanobacterial toxins*» **Toxins** (2018) Vol. 10(4), Article number 156 <https://doi.org/10.3390/toxins10040156>
16. M.G. Krokidis, M.A. Terzidis, E. Efthimiadou, S.-K. Zervou, G. Kordas, K. Papadopoulos, A. Hiskia, D. Kletsas, C. Chatgililoglu «*Purine 5',8-cyclo-2'-deoxynucleoside lesions: formation by radical stress and repair in human breast epithelial cancer cells*» **Free Radical Research** (2017) Vol. 51(5), pp. 470-482 <https://doi.org/10.1080/10715762.2017.1325485>
17. S. Gkelis, M. Panou, I. Chronis, S.-K. Zervou, C. Christophoridis, K. Manolidi, C. Ntislidou, T.M. Triantis, T. Kaloudis, A. Hiskia, I. Kagalou, M. Lazaridou «*Monitoring a newly re-born patient: Water quality and*

cyanotoxin occurrence in a reconstructed shallow Mediterranean lake» **Advances in Oceanography and Limnology** (2017) Vol. 8(1), pp. 33-51 <https://doi.org/10.4081/aiol.2017.6350>

18. S.-K. Zervou, C. Christophoridis, T. Kaloudis, T.M. Triantis, A. Hiskia «*New SPE-LC-MS/MS method for simultaneous determination of multi-class cyanobacterial and algal toxins*», **Journal of Hazardous Materials** (2017) Vol. 323, pp. 56-66 <https://doi.org/10.1016/j.jhazmat.2016.07.020>
19. M. Moustaka-Gouni, A. Hiskia, S. Genitsaris, M. Katsiapi, K. Manolidi, S.-K. Zervou, C. Christophoridis, T. Triantis, T. Kaloudis, S. Orfanidis «*First report of Aphanizomenon favaloroi occurrence in Europe associated with saxitoxins and a massive fish kill in Lake Vistonis, Greece*» **Marine and Freshwater Research** (2016) Vol. 68(4), pp. 793-800 <http://dx.doi.org/10.1071/MF16029>
20. T. Kaloudis, S.-K. Zervou, K. Tsimeli, T.M. Triantis, T. Fotiou, A. Hiskia «*Determination of Microcystins (cyanobacterial toxins) in water by LC-MS/MS. Monitoring of lake Marathonas, a water reservoir of Athens, Greece*», **Journal of Hazardous Materials** (2013) Vol. 263, pp. 105-115 <https://doi.org/10.1016/j.jhazmat.2013.07.036>

Book Chapters

- ♦ Theodoros M. Triantis, Triantafyllos Kaloudis, Sevasti – Kiriaki Zervou, and Anastasia Hiskia, “*Solid-Phase Extraction of Microcystins and Nodularin From Drinking Water*”, *SOP 7*, pp. 354-357
 - ♦ Theodoros M. Triantis, Triantafyllos Kaloudis, Sevasti – Kiriaki Zervou, and Anastasia Hiskia, “*Determination of Microcystins and Nodularin in Filtered and Drinking Water by LC-MS/MS*”, *SOP 10*, pp. 372-378
- in «**Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis**», Edited by J. Meriluoto, L. Spoof and G. A. Codd, Wiley (2017)

Conferences

1. S.-K. Zervou, N. A. Hammoud, S. Godin, T. Kaloudis, A. Hiskia, J. Szpunar, and R. Lobinski “*Untargeted analysis of cyanobacterial metabolites in lake Karaoun, Lebanon, by LC-HRMS with CyanoMetDB*”, 12th International Conference on Instrumental Methods of Analysis, Modern Trends and Applications (IMA-2021) 20-23 September 2021, Virtual event
2. N.A. Hammoud, S.-K. Zervou, T. Kaloudis, A. Paraskevopoulou, C. Christophoridis, T. M. Triantis, A. Hiskia, J. Szpunar, K. Slim, R. Lobinski «*Investigation on the occurrence of cyanobacterial secondary metabolites in Lebanese lake Karaoun using mass spectrometry and molecular techniques*», SETAC Europe 31st Annual Meeting, 3-6 May 2021, Virtual Conference
3. S.-K. Zervou, S. Gkelis, T. Kaloudis, A. Hiskia, H. Mazur-Marzec «*Characterization of new anabaenopeptins from cyanobacteria of Greek lakes*», Natural Toxins: Environmental Fate and Safe Water Supply (NaToxAq Conference 2020), 24-25 September 2020, Online Conference
4. T. Kaloudis, C. Avagianos, S.-K. Zervou, A. Hiskia, M. van Herk, P. Visser, S. Gkelis, N. Deftereos, P. Miskaki «*Seasonal geosmin production from benthic cyanobacteria in a freshwater canal, with implications for drinking water supplies*», SETAC Europe 30th Annual Meeting, 3-7 May 2020, Online Meeting

5. A. Aquino Cruz, D.-M. Torres Calderón, S.-K. Zervou, T. Kaloudis, A. Hiskia, C.-P. Rodríguez López, O. Nájera Medina, C.-M. Bulit Gámez «*Cianoprocariotas cocoides y su influencia en la cianotoxicidad en un lago hipereutrófico de la Ciudad de México durante el 2018*», V Congreso de la SOMEFAN, 23-24 September 2019, Puerto Vallarta, Mexico
6. S.-K. Zervou «*Cyanotoxins, Emerging pollutants of freshwater*», Sino-German Scientific Workshop, 18-21 September 2019, Chongqing, China – **Invited speaker**
7. D. Konstantinou, S.-K. Zervou, E. Mavrogonatou, P. Giannogonas, S. Gkelis «*A preliminary assessment of the potential of sponge - associated cyanobacteria to produce bioactive compounds*», 11th International Conference on Toxic Cyanobacteria (ICTC11), 5-10 May 2019, Krakow, Poland
8. L. Tartaglione, F. Varriale, C.O. Miles, S.-K. Zervou, H. Mazur-Marzec, T. Triantis, A. Hiskia, T. Kaloudis, C. Dell'Aversano «*LC-HRMS versus LC-TANDEM-MS: a comparative approach for the identification of cyanotoxins in cyanobacterial biomass*», 11th International Conference on Toxic Cyanobacteria (ICTC11), 5-10 May 2019, Krakow, Poland
9. S.-K. Zervou, M. Krokidis, C. Christophoridis, T. Triantis, T. Kaloudis, A. Hiskia «*Analysis of microcystins in environmental samples - A comparison study of ELISA, PPIA and LC-MS/MS*», 11th International Conference on Toxic Cyanobacteria (ICTC11), 5-10 May 2019, Krakow, Poland
10. A. Hiskia, T. Kaloudis, T. Triantis, C. Christophoridis, S.-K. Zervou, K. Manolidi «*Cyanobacterial toxins as an emerging public health risk: occurrence in inland waters of Greece*», 1st Scientific Symposium "Health and Climate Change", 3-5 December 2018, Rome, Italy
11. S.-K. Zervou, T. Kaloudis, A. Hiskia, H. Mazur-Marzec «*High structural diversity of peptide metabolites in cyanobacterial blooms from Greek lakes*», Athens Conference on Advances in Chemistry, ACAC2018, 30 October - 2 November 2018, Athens, Greece
12. S.-K. Zervou «*An innovative method for the analysis of different classes of cyanotoxins in one run*», 1st Cyanobacteria Twitter Conference, 24 October 2018, Twitter
13. S.-K. Zervou, C. Christophoridis, T. Kaloudis, T. Triantis, A. Hiskia «*Analysis of cyanotoxins in cyanobacterial biomass using LC-MS/MS*», 11th Aegean Analytical Chemistry Days (AACD), 25-29 September 2018, Chania, Greece
14. A. Hiskia, C. Christophoridis, S.-K. Zervou, K. Manolidi, T. M. Triantis and T. Kaloudis «*Occurrence of cyanotoxins in Greek lakes*», SETAC Europe 28th Annual Meeting, 13-17 May 2018, Rome, Italy
15. T. Kaloudis, C. Avagianos, J. Diaz-Alvarez, M. Panou, S.-K. Zervou, M. Pisania, C. Christophoridis, T. Triantis, A. Hiskia, S. Gkelis «*Cyanobacteria taste and odor compounds; a study in freshwaters of Greece*», SETAC Europe 28th Annual Meeting, 13-17 May 2018, Rome, Italy
16. S.-K. Zervou, T. Kaloudis, A. Hiskia, H. Mazur-Marzec «*Structural elucidation of toxic and non-toxic peptide variants of cyanobacteria*», 6th International Symposium Marine and Freshwater Toxins Analysis, 22-25 October 2017, Baiona, Spain
17. T. Kaloudis, S.-K. Zervou, C. Avagianos, C. Christophoridis, T. Triantis, A. Hiskia, J. Fastner, J. Cotruvo, D. Isailovic «*Evolution of analytical methods for regulatory monitoring of microcystins: Are we there yet?*», 6th International Symposium Marine and Freshwater Toxins Analysis, 22-25 October 2017, Baiona, Spain

18. A. Hiskia, S.-K. Zervou, K. Manolidi, C. Christophoridis, T. Kaloudis, T. Triantis «*Development of workflows for the determination of multi-class cyanotoxins in biomass and water*», 6th International Symposium Marine and Freshwater Toxins Analysis, 22-25 October 2017, Baiona, Spain
19. C. Christophoridis, S.-K. Zervou, T. Kaloudis, A. Hiskia «*Analytical strategies for suspect and non-target screening of cyanobacterial toxins*», 6th International Symposium Marine and Freshwater Toxins Analysis, 22-25 October 2017, Baiona, Spain
20. S.-K. Zervou, T. Kaloudis, T. Triantis, A. Hiskia, H. Mazur-Marzec «*New peptide metabolites in cyanobacterial blooms from Greek lakes*», Mass Spectrometry in Biotechnology and Medicine (MSBM) Summer School, International Mass Spectrometry Foundation, 2-8 July 2017, Dubrovnik, Croatia
21. C. Christophoridis, S.-K. Zervou, K. Manolidi, T.M. Triantis, T. Kaloudis, A. Hiskia (2017). «*Determination of Cyanotoxins: The Need of Multi-Class Validated Methods*», Satellite Event “Algae Toxins: Methods and Challenges” ACSenvr-CYANOCOST, 16th International Conference on Chemistry and the Environment (ICCE2017), 18 June 2017, Oslo, Norway
22. S.-K. Zervou, S. Gkelis, T. Kaloudis, T. Triantis, A. Hiskia, H. Mazur-Marzec «*Structural elucidation of new cyanobacterial peptide variants from Greek lakes*», 10th International Conference on Toxic Cyanobacteria (ICTC10) , 23-28 October 2016, Wuhan, China
23. S.-K. Zervou, C. Christophoridis, K. Manolidi, T. Kaloudis, T. Triantis, M. Katsiapi, M. Moustaka-Gouni, A. Hiskia «*Methods and challenges for the analysis of cyanotoxins – Application in Greek Lakes*», 10th International Conference on Toxic Cyanobacteria (ICTC10), 23-28 October 2016, Wuhan, China
24. S. Gkelis, C. Christophoridis, S.-K. Zervou, K. Manolidi, T. Triantis, T. Kaloudis, A. Hiskia «*Greek toxins revisited: What else is there?*», 10th International Conference on Toxic Cyanobacteria (ICTC10), 23-28 October 2016, Wuhan, China
25. M. Panou, S.-K. Zervou, C. Christophoridis, K. Manolidi, T. Triantis, T. Kaloudis, A. Hiskia, S. Gkelis «*First report of a microcystin-producing *Cylindrospermopsis raciborkii* strain isolated from Greece*», 10th International Conference on Toxic Cyanobacteria (ICTC10), 23-28 October 2016, Wuhan, China
26. D. Konstantinou, S.-K. Zervou, C. Christophoridis, T. Triantis, A. Hiskia, M. Panou, T. Kaloudis, E. Voultziadou, S. Gkelis «*First report of a microcystin-producing cyanobacterium isolated from sponge*», 10th International Conference on Toxic Cyanobacteria (ICTC10), 23-28 October 2016, Wuhan, China
27. G. Papapanagiotou, S.-K. Zervou, C. Christophoridis, T. Kaloudis, A. Hiskia, S. Gkelis «*Characterization of commercially cultivated *Arthrospira* ('*Spirulina*') strains: a polyphasic approach*», 2nd EABA and EC Algae Contractors' Conference and the 9th International Algae Congress (ALGAE EUROPE 2015), 1-3 December 2015, Lisbon, Portugal
28. K. Manolidi, S.-K. Zervou, C. Christophoridis, T. Kaloudis, T. Triantis, A. Hiskia, «*Simultaneous determination of BMAA, 2,4-DAB, Saxitoxin and neoSaxitoxin in water, using SPE HILIC-LC-MS/MS*», 15th EuCheMS International Conference on Chemistry and the Environment, 20-24 September 2015, Leipzig, Germany
29. S.-K. Zervou, C. Christophoridis, T. Kaloudis, T. Triantis, A. Hiskia «*Development and validation of an SPE-LC-MS/MS method for the simultaneous determination of multiclass cyanotoxins in water*», 14th International Conference on Environmental Science and Technology (CEST 2015), 3-5 September 2015, Rhodes, Greece

30. S.-K. Zervou, C. Christophoridis, T. Kaloudis, T. Triantis, A. Hiskia «*Development of a multi-class analytical method for the determination of cyanotoxins in water using SPE, LC-ESI-MS/MS*», 3rd Mediterranean Sea Region Countries Mass Spectrometry (MEDMS III) Workshop, 28 June - 2 July 2015, Athens, Greece – **Awarded by Hellenic Mass Spectrometry Society (HMSS)**
31. S.-K. Zervou, C. Christophoridis, K. Manolidi, T. Triantis, T. Kaloudis, A. Hiskia «*Simultaneous analysis of multi-class cyanotoxins in environmental samples*», Fifth Joint Symposium and AOAC Task Force Meeting on Marine & Freshwater Toxins Analysis, 14-17 June 2015, Baiona, Spain
32. C. Christophoridis, S.-K. Zervou, T. Fotiou, T. Triantis, T. Kaloudis and A. Hiskia «*Analysis of cyanotoxins and their transformation products using mass spectrometry*», Symposium on Mass Spectrometry and Health (MSHS 2014), 18-19 November 2014, Athens, Greece
33. S.-K. Zervou, C. Christophoridis, T. Kaloudis, T. Triantis, A. Hiskia, «*Development and optimization of an SPE, LC-MS/MS method for the simultaneous determination of 24 pesticides in water using experimental design*», 8th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 14th Symposium on Chemistry and Fate of Modern Pesticides, 18-21 September 2014, Ioannina, Greece
34. A. Hiskia, T. Triantis, T. Kaloudis, C. Christophoridis, T. Fotiou, S.-K. Zervou, «*CYANOWATER – Cyanotoxins in fresh waters, Advances in Analysis, Occurrence and Treatment*», 8th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 14th Symposium on Chemistry and Fate of Modern Pesticides, 18-21 September 2014, Ioannina, Greece
35. C. Christophoridis, A. Droungou, S.-K. Zervou, T. Triantis, T. Kaloudis, A. Hiskia, «*Simultaneous determination of cyanotoxins Cylindrospermopsin and Anatoxin-a in water using LC-MS/MS. Optimization of extraction with experimental design*», 5th EUCHEMS Chemistry Congress, 31 August-4 September 2014, Istanbul, Turkey
36. S.-K. Zervou «*Method development for the analysis of cyanotoxins in water*», Workshop Cyanotoxins in Fresh Waters, Advances in Analysis, Occurrence, Treatment, 5 May 2014, Athens, Greece
37. M. Antoniou, T. Fotiou, S.-K. Zervou, T. Triantis, T. Kaloudis, A. Hiskia «*Evaluation of the efficiency of Advanced Oxidation Processes (AOPs) for the removal of various microcystins (MCs) under realistic conditions*», 4rd CYANOCOST Meeting, 12-15 November 2013, Sofia, Bulgaria,
38. S.-K. Zervou, T. Triantis, T. Kaloudis, A. Hiskia, «*Optimization of Solid Phase Extraction (SPE) and LC-ESI-MS/MS for the Determination of Cyclic Peptide Cyanotoxins (CPCs) in Water*», 8th International Conference of Instrumental Methods of Analysis - Modern Trends and Applications (IMA 2013), 15-19 September 2013, Thessaloniki, Greece – **Awarded by Hellenic Mass Spectrometry Society (HMSS)**
39. T. Kaloudis, A. Hiskia, S.-K. Zervou, K. Tsimeli and T. Triantis, «*Monitoring of Microcystins in Lake Marathonas, a Water Reservoir of Athens, Greece*», 14th EuCheMS International Conference on Chemistry and the Environment (ICCE 2013) 25-28 June 2013, Barcelona, Spain
40. S.-K. Zervou, K. Tsimeli, T. Triantis, T. Kaloudis and A. Hiskia, «*Monitoring of Microcystins in Lake Marathonas, a Water Reservoir of Athens, Greece*», CYANOCOST meeting, 24-26 April 2013, Gdansk, Poland

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