

MEET THE EDITOR

Meet our Editorial Board Member: Dr. Victoria F. Samanidou



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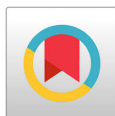
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Dr. Victoria Samanidou was born on the 11th of January 1963, in Thessaloniki, Greece. She obtained her Bachelor of Science degree in Chemistry, in 1985, from the Chemistry Department of Aristotle University of Thessaloniki, Greece. From 20-7-86 to 25-8-86 she joined the Institute of Ecological Chemistry, in GSF, Attaching/Freising, Germany, for additional work on her Ph.D. Thesis, as well as research work on Photochemistry and study of photodecomposition products of chlorophenols by HPLC-Diode array and GC-MS. From 15-7-87 to 4-9-87 she joined the Institute of Ecological Chemistry, in GSF, Neuherberg-Munich, Germany, for additional work on her Ph.D. Thesis, as well as research work on carbamate analysis by HPLC and GC-MS. From 1-7-88 to 30-9-88 she joined the Institute of Ecological Chemistry, in GSF, Neuherberg-Munich, Germany, for additional work on her Ph.D. Thesis, as well as research work on controlled release of pesticides by HPLC and GC-MS.

In 1990 she obtained a doctorate (Ph.D.) in Chemistry from the Department of Chemistry of the Aristotle University of Thessaloniki. The topic of her Thesis was "Distribution and mobilization of heavy metals in waters and sediments from rivers in Northern Greece". In the same year Dr. Samanidou joined the Laboratory of Analytical Chemistry, in the Department of Chemistry of Aristotle University of Thessaloniki, as Technical Assistant. Nine years later she was elected as Lecturer in the Laboratory of Analytical Chemistry in the Department of Chemistry of the Aristotle University of Thessaloniki. In 2007, she joined the Institute of Analytical Chemistry and Radiochemistry in Graz Technical University, for four months, developing methods by LC-MS/MS. Since 2015, Dr Samanidou is Full Professor in the Laboratory of Analytical Chemistry in the Department of Chemistry of Aristotle University of Thessaloniki, Greece.

Dr. Samanidou has authored and co-authored more than 150 original research articles in peer reviewed journals and 50 reviews and chapters in scientific books, with H-index 30 (Scopus March 2018, <http://orcid.org/0000-0002-8493-1106>, Scopus Author ID 7003896015). She has supervised four PhD Theses, 22 postgraduate Diploma Theses, one postdoc researcher and 15 undergraduate Diploma Theses. She has served as Member of 10 advisory Ph.D. committees, 21 examination Ph.D. committees and 32 examination committees of postgraduate Diploma Theses. She is member of editorial board of more than 10 scientific journals and she has reviewed more than 400 manuscripts in more than 100 scientific journals. She was



Citation: Samanidou VF. Meet our Editorial Board Member: Dr. Victoria F. Samanidou. *J Appl Bioanal* 4(2), 32-36 (2018).

Funding & Manuscript writing assistance: The author has no financial support or funding to report and she also declare that no writing assistance was utilized in the production of this article.

Competing interests: The author has declared that no competing interest exist.

also guest editor in 5 special issues in scientific journals. She has served as Academic Editor for Separations mdpi, as Regional editor in Current Analytical Chemistry and as Editor in Chief of Pharmaceutica Analytica Acta.

Her educational activities include Laboratory Practice in Instrumental Chemical Analysis, Qualitative Chemical Analysis, Principles of Analytical Chemistry, Separation Methods in Chemical Analysis, Specific separation methods of chemical analysis, Qualitative analysis in Geology and Agricultural Department, Quantitative Chemical Analysis, Environmental Pollution Control, Environmental Chemistry, as well as lectures in Undergraduate and postgraduate courses Separation methods in chemical Analysis, Instrumental Chemical Analysis, Specific methods of separation and chemical analysis, Qualitative Chemical Analysis, Bioanalytical Chemistry, Specific methods of analysis as well as in Postgraduate Studies: Advanced Separation Techniques in Instrumental Chemical Analysis, Advanced Analytical Chemistry and Research Methodology.

Her research interests include:

1. Development and validation of analytical methods for the determination of inorganic and organic substances using chromatographic techniques:
 - High Pressure Liquid Chromatography (HPLC).
 - Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS).
 - High Pressure Ion Chromatography (HPIC).
 - Gas Chromatography (GC)
2. Development and optimization of methodology for sample preparation of various samples eg food, biological fluids etc, in terms of selective extraction of analytes, using modern sample pre-treatment techniques such as solid phase extraction, matrix solid phase dispersion, membranes, sonication, microwaves etc.
3. Study of new chromatographic materials used in separation and sample preparation (polymeric sorbents, monoliths, carbon nanotubes, fused core particles etc) compared to conventional materials.
4. Application of HPLC in the analysis of different samples such as food, biological fluids, pharmaceuticals, environmental, forensics etc.
5. Application of Ion Chromatography in environmental pollution elimination.

She has established collaboration with several research groups in Greek as well as European and USA universities. She has also been Member of organizing and scientific committee in 20 scientific conferences. Since December 2015, Dr. Samanidou has been elected as President of the Steering Committee of the Division of Central and Western Macedonia of the Greek Chemists' Association.

She is the mother of two daughters. One is already graduated with the degree of Master in Chemistry and one is undergraduate student in School of Pharmacy. She can speak fluently four languages (Greek, English, German and French).

A milestone in her career was in 2016 when she was included in top 50 power list of women in Analytical Science, as proposed by Texere Publishers.

Selected Publications

1. Samanidou V, Christodoulou E, Papadoyannis I. Advances in Chromatographic Analyses of Fluoroquinolones in Pharmaceuticals and Biological Samples - A Review Article. *Current Pharm Anal* 1(3), 283-308 (2005).
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4. Samanidou V, Kourti P. Modern bioanalytical methods for the rapid detection of anti-depressants: SNRIs and SSRIs, in human biological samples. *Bioanalysis* 1(2), 451-488 (2009).
 5. Samanidou V, Nasir Uddin M, Papadoyannis I. Benzodiazepines: Sample Preparation and HPLC Methods for Their Determination in Biological Samples-A Review Article. *Bioanalysis* 1(4), 755-784 (2009).
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 7. Kovatsi L, Fragou D, Samanidou V, Njau S, Kouidou S. Drugs of Abuse: Epigenetic Mechanisms in Toxicity and Addiction. *Current Medic Chem* 18 (12), 1765-1774 (2011).
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 9. Fragou D, Dotsika S, Sarafidou P, Samanidou V, Njau S, Kovatsi L. Atypical antipsychotics: trends in analysis and sample preparation of various biological samples. *Bioanalysis* 4(8), 961-980 (2012).
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 14. Samanidou V, Hapeshi E, Papadoyannis I. Rapid and sensitive high-performance liquid chromatographic determination of four cephalosporin antibiotics in pharmaceuticals and body fluids. *J Chromatogr B* 788(1), 147-158 (2003).
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 16. Samanidou V, Ioannou A, Papadoyannis I. Use of monolithic column to improve the simultaneous determination of four cephalosporin antibiotics in pharmaceuticals and body fluids by liquid chromatography after solid-phase extraction: a comparison with a conventional reversed phase silica-based column. *J Chromatogr B* 809, 175-182 (2004).
 17. Chatzimichalakis P, Samanidou V, Verpoorte R, Papadoyannis I. Development of a validated HPLC method for the determination of B-complex vitamins in pharmaceuticals and biological fluids after solid phase extraction. *J Sep Sci* 27, 1181-1188 (2004).
 18. Gika H, Samanidou V, Papadoyannis I. Development of a validated HPLC method for the determination of iodotyrosines and iodothyronines in pharmaceuticals and biological samples using solid phase extraction. *J Chromatogr B* 814(1), 163-172 (2005).
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31. Samanidou V, Stathatos C, Njau S, Kovatsi L. Disposable Pipette Extraction for the simultaneous determination of biperiden and three antipsychotic drugs in human urine by gas chromatography-nitrogen phosphorous detection. *Bioanalysis* 5(1) 21-29 (2013).
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 40. Petrocheilou M, Samanidou V, Kovatsi L, Tsolaki M, Papadoyannis I. A simple and direct HPLC-DAD method for the simultaneous determination of galantamine, donepezil and rivastigmine in cerebrospinal fluid, blood, serum and urine. *J Appl Bioanal* 3(4) 59-69 (2017).