

# Curriculum Vitae

## Personal Data

### Kokkotou Katerina, MSc

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## Education

- 2008- 2010      **M.Sc. in Industrial Chemistry:** National and Kapodistrian University of Athens, School of Sciences –CHEMISTRY department & National Hellenic Research Foundation - Institute of Organic and Pharmaceutical Chemistry.  
Title: *Tracing of Metabolic Profile of Greek Wines with the use of 1D and 2D NMR Spectroscopy and Multivariate Statistical Analysis*
- 2000-2007      **B.Sc. in Chemistry- Degree: 6.86/10,** University of Patras, School of Sciences- Faculty of Chemistry  
Title of Major Study: *"The nutritional value, concerning trace elements, of widely consumed decoctions"*

## Participation In EU Programs

- 23/3/2010-today      EU LdV TOI Project Oeno-MAC

## Oral Announcement in Conferences

Katerina Kokkotou, Maria Zervou , Panagiotis Zoumpoulakis, Charalambos Fotakis, Panagiotis Moulos, Anna Tsantili-Kakoulidou, Maria Liouni. Metabolic monitoring of Greek white wines using HR NMR spectroscopy and multivariate statistical analysis. EastNMR Satellite meeting, 18th EuroQSAR, Rhodes Greece, September 19-24, 2010.

K. Kokkotou, C. Fotakis, M. Zervou, P. Zoumpoulakis, A. Tsantili-Kakoulidou, M. Liouni. Metabolic profile monitoring of Greek wines using HR NMR spectroscopy and multivariate statistical analysis. 3rd Hellenic Conference of I.S.F.H.A -The Interdisciplinary Society of Food Hygiene Assurance 4-6 June 2010, Thessaloniki

## **Posters in International Conferences - Abstracts in proceedings**

### **Metabolic Monitoring of Greek Beverages Using HR NMR Spectroscopy,**

Charalambos Fotakis, Katerina Kokkotou, Dionysis Christodouleas, Antony Calokerinos, Maria Liouni, Panagiotis Zoumpoulakis, Maria Zervou, 6th International Conference "Instrumental Methods of Analysis-IMA 2009", Athens, Greece, 4th - 8th October 2009.

### **Determination of Trace And Major Elements in Some Medicinal Herbs**

K. Kokkotou, G. Kaniyas and M. Soupioni

3rd International IUPAC Symposium on Trace Elements in Food (TEF-3), Rome 1-3 April 2009

## **Participation in Seminars**

Courses of management of quality (ISO- HACCP), Department of Chemistry, University of Patras, 12 -13 /1 /2006

## **Scientific Skills - Qualifications**

- NMR-based metabolomics for monitoring wine profile.
- Identification and structure elucidation of compounds using 1D & 2D NMR spectroscopy.
- Use of s/w tools in order to process NMR data and identify bioactive metabolites (CHEMOMX NMR Suite),
- Apply spectral alignment algorithms (MATLAB)
- Perform statistical evaluation of experimental data (SIMCA-P Umetrics)

## **Foreign Languages**

<i>English</i>	First Certificate in English, University of Cambridge
<i>French</i>	Diplôme de la langue et Littérature Françaises (2 <sup>e</sup> Degré), Université de Paris, Sorbonne