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Date of Birth: 06 March 1979

Nationality: Greek

## EDUCATION

- 09/2008 – Today      **Master’s degree under the subject ‘Advanced analytical chemistry’ at the Department of Chemistry at AUTH**
- 09/2002 –03/ 2008      **PhD from the Department of Chemical Engineering**  
**Title of the PhD Thesis: “Development of physicochemical procedures for the valorization of olive-mill byproducts”**  
**Aristotle university of Thessaloniki, Department of Chemical Engineering**  
**Laboratory of Physical Chemistry**  
Familiar with the following analytical techniques HPLC-DAD, LC-MS, GPC, SFE, FT-IR, TGA, DSC
- 1996 – 2001      **Diploma in Chemistry, Aristotle University of Thessaloniki (Grade 7,42/10)**  
**Title of the Diploma Thesis: “ Physicochemical study of the emulsion properties of protein concentrates derived from Lathyrus Sativus”**
- 1998 – 1999      **Participation in the ‘Erasmus’ programme**  
**Bologna Universita degli Studi**  
**Department of Industrial chemistry**  
**Project Title: “Isolation of the enzyme lactoperoxidase from fresh milk”**
- 1993 – 1996      **Graduation from High School (19,1/ 20)**

## SEMINARS

- April 2008-May 2008      **Seminar title ‘Occupational health and safety’**  
**Organized by: EA.IN.Y.A.E. (www.elinyae.gr)**
- March 2004      **Seminar title: ‘Accreditation of Food Analysis Laboratories (ISO / DIS 17025)’. Organized by: Hellenic Chemists Union.**

## PROFESSIONAL EXPERIENCE

- January 2009 – Today      **Chemical Process Engineering Research Institute (CPERI),**  
**Centre of Research and Technology Hellas (CERTH)**  
Employed as a collaborating researcher
- May 2008 - December 2008      **Laboratory for the Control and Analysis of Feedstuff**  
**Hellenic Ministry of Rural Development and Food**  
Employed as a Chemist in the analytical laboratory
- February 2002 - July 2004      **Researcher in EU funded project “BIOLIVE: Development of industrial solutions for the recycling and valorization of the olive oil fabrication residues for biopolymers and fine chemicals”**
- February 2002-June 2007      **GAB Hellas**

Private company of agricultural and biotechnological studies.  
Employed in the department of Quality Assurance (GLP)

July 1999-September 1999

#### RIGAS LABS

Private company of analytical equipment for analytical laboratories.  
3-month practise as an undergraduate student

### SKILLS

#### Languages

- ✓ **English** 1994, "Certificate of Proficiency in English by Cambridge University"  
1994, "Certificate of Proficiency in English by Oxford University"  
1995, "Certificate of Proficiency in English by Michigan University" (U.S.A.)
- ✓ **Italian** Certificato di conoscenza della lingua Italiana Livello 3 – Università per Stranieri Perugia

### CONFERENCES

- ✓ **Michailof C.**, Sfetsas T., Patiaka D., Lappas A., (2010) 'Qualitative and quantitative analysis of the aqueous phase of pyrolysis oils by means of GC-FID and GCxGC-TOFMS analysis', BioTen Conference, Birmingham, UK, 21-23 September (oral and poster presentation)
- ✓ Sfetsas T., **Michailof C.**, Lappas A., (2010) 'Identification, classification and quantification of compounds of interest in three different bio-oil samples by multidimensional gas chromatography coupled to time-of-flight mass spectrometry', 7<sup>th</sup> GC x GC Symposium, Riva del Garda, Italy, May 30-June 4 (poster presentation)
- ✓ Papadopoulou S.K., **Michailof C.**, Karapanagiotis I., Tsakalof A., Zuburtikudis I. and Panayiotou C. (2008) "Fluorinated methacrylic homopolymers: Polymerization, characterization, surface properties and effectiveness for the protection of stone", 7<sup>th</sup> Hellenic Polymer Conference, Ioannina, September 28<sup>th</sup> - October 1<sup>st</sup> (poster presentation)
- ✓ Papadopoulou S.K., **Michailof C.**, Karapanagiotis I., Zuburtikudis I. and Panayiotou C. (2008) "Synthesis, Characterization and Surface Properties of Fluorinated Methacrylic Polymers for the Protection and Conservation of Stone", AIChE 2008 Annual Meeting Philadelphia, November 16-21, 2008 (poster presentation)
- ✓ **Michailof C.**, Stavropoulos G., Panayiotou C., (2007) 'Enhanced adsorption of phenolic compounds, commonly encountered in olive mill wastewaters, on olive husk derived activated carbons' Proceedings, 6<sup>th</sup> Hellenic Chemical Engineering Conference, Athens, Greece, May 31 – June 2, pp 697-700 (poster presentation).
- ✓ Tsopsias C., Papamihail, M., **Michailof C.**, Tsivintzelis I., Bridakis M., Panayiotou C., (2007) 'Encapsulation of piroxicam in fibrous poly(hydroxybutyrate) scaffolds', 6<sup>th</sup> Hellenic Chemical Engineering Conference, Athens, Greece, May 31 – June 2, pp453-456 (poster presentation).
- ✓ **Michailof C.**, Karapanagiotis I., and Panayiotou C. (2005) 'Partitioning of six polyphenols between olive oil and water', *HPLC 2005, 26-30 June 2005*, Stockholm, Sweden (poster presentation)
- ✓ Tejada Ricardez J., Vaca-Garcia C., Borredon M.E., **Michailof C.**, Panayiotou C., (2003) 'Liquefaction of orujillo olive stones for the formulation of new bio-polymers', *Expoliva 2003, 14-17 May 2003, Spain*

### PUBLICATIONS

- ✓ Sfetsas T., **Michailof C.**, Lappas A., Li Q., Kneale B., Qualitative and quantitative analysis of pyrolysis oil by gas chromatography with flame ionization detection and comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry, *Journal of Chromatography A*, (2010) *In Press*, doi:10.1016/j.chroma.2010.10.034
- ✓ Tsiptsias C., **Michailof C.**, Stauropoulos G., Panayiotou C., Chitin and carbon aerogels from chitin alcogels, *Carbohydrate Polymers* 76 (2009) 535-540

- ✓ **Michailof C.**, Stavropoulos G., Panayiotou C., Enhanced adsorption of phenolic compounds, commonly encountered in olive mill wastewaters, on olive husk derived activated carbons, *Bioresource Technology* 99 (2008) 6400-6408
- ✓ **Michailof C.**, Manesiotis P., Panayiotou C., Synthesis of caffeic acid and p-hydroxybenzoic acid molecularly imprinted polymers and their application for the selective extraction of polyphenols from olive mill waste waters, *Journal of Chromatography A*, 1182 (2008) 25–33
- ✓ Kalogiannis, C.G., **Michailof, C.M.**, Panayiotou, C.G. Microencapsulation of amoxicillin in poly(L-lactic acid) by supercritical antisolvent precipitation, *Industrial and Engineering Chemistry Research* 45 (2006) 873-887