

Curriculum Vitae
Dr. Georgia Ch. Lainioti
Chemist

Personal Information

Name : Georgia
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Date of birth : 04 May 1983

Education

- MSc in Advanced Technology Material Chemistry 2008-2010
- PhD in Chemistry, University of Patras. PhD thesis: «Kinetic study of the alcoholic fermentation in the presence of new biocatalysts» 2005-2009
- Diploma in Chemistry, University of Patras 2001-2005

Work Experience

- Laboratory Teaching Assistant (under contract **P.D. 407/80**) in the Department of Chemistry at University of Patras for the course Chemical Technology I. 03/2018-present
- Post-doctoral research in the frames of **AENAO** project (MIS: 5002556): **Materials and Procedures for Energy and Environmental Applications**, Foundation for Research and Technology/ Institute of Chemical Engineering Sciences (FORTH/ICE-HT) Greece. Research object: POLYMERIC GAS SEPARATION MEMBRANES. 01/2018-present
- Post-doctoral research at Advanced Polymers & Hybrid Nanomaterials Research Laboratory, Department of Chemistry, University of Patras in the frames of **PAVET 2013** project (837-BET-2013): **Novel Polymeric Biocidal Materials as Alternative Biofouling-Resistant Coatings of Aquaculture Nets**. 03/2016-07/2016
- Post-doctoral research in the frames of **NANOBARRIER** project (280759-2): **Extended shelf-life biopolymers for sustainable and multifunctional food packaging solutions**, Foundation for Research and Technology/ Institute of Chemical Engineering Sciences (FORTH/ICE-HT) Greece. 01/2016-02/2016
- Post-doctoral research in the frames of **WOOD-FLARETCOAT** project (315423): **Flame-retardant coatings based on nano-magnesium hydroxide, huntite and hydromagnesite for wood applications**, Foundation for Research and Technology/ Institute of Chemical Engineering Sciences (FORTH/ICE-HT) Greece. 07/2015-12/2015
- Post-doctoral research in the frames of **PROENYL** project (MIS: 448305): **Advanced Energy Materials**, Foundation for Research and Technology/ Institute of Chemical Engineering Sciences (FORTH/ICE-HT) Greece. 10/2014-06/2015
- Post-doctoral research at Advanced Polymers & Hybrid Nanomaterials Research Laboratory, Department of Chemistry, University of Patras in the frames of **THALES** project (MIS 379523): **Design and Development of Novel Functional Copolymers with a Block Architecture–Self-organization Abilities and Controlled** 09/2012-03/2015

Binding/Release of Biocidal Species.

- Post-doctoral research in the frames of **NANOBARRIER** project (280759-2): 04/2012-09/2012
Extended shelf-life biopolymers for sustainable and multifunctional food packaging solutions, Foundation for Research and Technology/ Institute of Chemical Engineering Sciences (**FORTH/ICE-HT**) Greece.
- Post-doctoral research in the frames of **BIONEXGEN** project (FP7-NMP-2009 246039-2): 02/2012-04/2012
Development of the next generation membrane bioreactor system, Foundation for Research and Technology/ Institute of Chemical Engineering Sciences (FORTH/ICE-HT) Greece.
- Post-doctoral research in the frames of **SYNERGASIA** project (09ΣΥΝ-82-1156): 03/2011-03/2012
Development of Advanced Multifunctional Non-Woven Products, Foundation for Research and Technology/ Institute of Chemical Engineering Sciences (FORTH/ICE-HT) Greece.
- Post-doctoral research at the Laboratory of Physical Chemistry Department of Chemistry, University of Patras. 10/2010-09/2011

Teaching Experience

- Assistant at the Laboratory of Polymer Science of the Chemistry Department at the University of Patras. 2013-2016
- Laboratory for the course “Polymer Structure and Properties” at the students of the fourth year of the Chemistry Department at the University of Patras. 2010-2016
- Laboratory for the course “Physical Chemistry III” at the students of the second year of the Chemistry Department at the University of Patras. 2005-2009
- Laboratory for the course “Physical Chemistry IV” at the students of the second year of the Chemistry Department at the University of Patras. 2006-2009

Research Activities

- Synthesis of porous polymeric membranes.
- Synthesis of functional copolymers with biocidal species and preparation of antibacterial membranes
- Synthesis of hybrid polymeric nanoparticles through emulsion polymerization.
- Preparation of polymer functionalized carbon nanotubes with antimicrobial properties.
- Polymer blends- Compatibilization by reactive processing.

Experience in Techniques

- Gas Chromatography (GC and Reversed-Flow GC)
- Field-Flow Fractionation (FFF)
- Thermogravimetric analysis (TGA)
- Dynamic mechanical analysis (DMA)
- Tensile tests
- Scanning Electron Microscopy (SEM)
- Microbial techniques and methods (Microbial growth and cultivation, etc.)

Publications

1. New separation methodologies for the distinction of the growth phases of *Saccharomyces cerevisiae* cell cycle.
G. Ch. Lainioti, J. Kapolos, A. Koliadima G. Karaiskakis
Journal of Chromatography A, 1217 (2010) 1813-1820.
2. Kinetic study of the alcoholic fermentation process, in the presence of free and immobilized *Saccharomyces cerevisiae* cells, at different initial glucose concentrations by Reversed Flow GC.
G. Ch. Lainioti, J. Kapolos, G. Karaiskakis, A. Koliadima
Chromatographia, 72 (2010) 1149-1156.
3. The study of the effect of fermentation temperature on the growth kinetics of *Saccharomyces cerevisiae* yeast strain, in the presence or absence of support, by chromatographic techniques.
G. Ch. Lainioti, J. Kapolos, A. Koliadima, G. Karaiskakis
Journal of Liquid Chromatography & Related Technologies, 34 (2011) 195-208.
4. Influence of pH and initial glucose concentration on the growth of *Saccharomyces cerevisiae* yeast strain by Gravitational Field Flow Fractionation.
G. Ch. Lainioti, J. Kapolos, G. Karaiskakis, A. Koliadima
Separation Science and Technology, 46 (2011) 893-903.
5. The study of the influence of temperature and initial glucose concentration on the fermentation process in the presence of *Saccharomyces cerevisiae* yeast strain immobilized on starch gels by Reverse-Flow Gas Chromatography
G. Ch. Lainioti, J. Kapolos, G. Karaiskakis, A. Koliadima
Preparative Biochemistry and Biotechnology, 42(5) (2012) 489-506.
6. New approaches to the kinetic study of alcoholic fermentation by chromatographic techniques.
G. Ch. Lainioti, G. Karaiskakis
Journal of Chromatographic Science, 51(8) (2013) 764-779.
7. Comparative Study of the Kinetic Approach on the Alcoholic Fermentation Procedure Conducted in Laboratory and Scale-up Systems by Inverse Gas Chromatography.
G. Ch. Lainioti, J. Kapolos, A. Koliadima, G. Karaiskakis
Acta Chromatographica 26(2) (2014) 371-389.
8. Large-Scale Separators Based on Blends of Aromatic Polyethers with PEO for Li-Ion Batteries: Improving Thermal Shrinkage and Wettability Behavior.
V. Deimede, A. Voegelé, **G. Lainioti**, C. Elmasides, J. K. Kallitsis
Energy Technology, 2(3) (2014) 275-283.
9. Synthesis and self-association in dilute aqueous solution of hydrophobically modified polycations and polyampholytes based on 4-vinylbenzyl chloride.
N. D. Koromilas, **G.Ch. Lainioti**, E. K. Oikonomou, G. Bokias, J. K. Kallitsis
European Polymer Journal 54 (2014) 39-51.

10. Preparation and Toxicological Assessment of Functionalized Carbon Nanotube-Polymer Hybrids
N. D. Koromilas, **G.Ch. Lainioti**, Ch. Gialeli, D. Barbouri, K.B. Kouravelou, N.K. Karamanos, G.A. Voyiatzis, J.K. Kallitsis
Plos One, 9(9) (2014) e107029.
11. Quinoline-functionalized cross-linked poly(vinyl acetate) and poly(vinyl alcohol) nanoparticles as potential pH-responsive luminescent sensors
A. Moutsiopoulou, A. Andreopoulou, **G. Lainioti**, G. Bokias, G. Voyiatzis, J. Kallitsis
Sensors and Actuators B: Chemical, 211 (2015) 235–244.
12. Release of Polymeric Biocides from Synthetic Matrices for Marine Biofouling Applications
V. Bekiari, K. Nikolaou, N. Koromilas, **G. Lainioti**, P. Avramidis, G. Hotos, J. K. Kallitsis, G. Bokias
Agriculture and Agricultural Science Procedia, 4 (2015) 445–450.
13. Evaluation of Antimicrobial Efficiency of New Polymers Comprised by Covalently Attached and/or Electrostatically Bound Bacteriostatic Species, Based on Quaternary Ammonium Compounds.
E. Kougia, M. Tselepi, G. Vasilopoulos, **G. Ch. Lainioti**, N. D. Koromilas, D. Druvari, G. Bokias, A. Vantarakis, J. K. Kallitsis
Molecules, 20 (2015) 21313–21327.
14. Synthesis of antimicrobial block copolymers bearing immobilized biocidal groups
N.D. Koromilas, **G.Ch. Lainioti**, G. Vasilopoulos, A. Vantarakis J.K. Kallitsis
Polymer Chemistry, (2016), DOI: 10.1039/C6PY00553E.
15. Breathable Membranes based on Melt Blending of Polystyrene sulfonate with Polyethylene copolymers
G.Ch. Lainioti, I. Bounos, G.A. Voyiatzis, J.K. Kallitsis
Polymers 2016, 8(5), 190, DOI:10.3390/polym8050190.
16. Polymeric quaternary ammonium-containing coatings with potential dual contact-based and release-based antimicrobial activity
D. Druvari, N.D. Koromilas, **G.Ch. Lainioti**, G. Bokias, G. Vasilopoulos, A. Vantarakis, I. Baras, N. Dourala, J.K. Kallitsis
ACS Applied Materials & Interfaces, 8(51) (2016) 35593–35605.
17. Porosity control in aromatic polyether/ water soluble polymers' membranes
D. Saranti-Karamessini, **G.Ch. Lainioti**, V. Deimede, J. K. Kallitsis
Journal of Applied Polymer Science, 134 (9) (2017), DOI: 10.1002/app.44539.
18. The Enhancing water vapor permeability in mixed matrix polypropylene membranes through carbon nanotubes dispersion
G. Bounos, K.S. Andrikopoulos, H. Moschopoulou, **G.Ch. Lainioti**, D. Roilod, R. Checchettod, Th. Ioannides, J.K. Kallitsis, G.A. Voyiatzis
Journal of Membrane Science, 524 (2017) 576–584.

Patent

Application for Greek patent grant (2012): Development of Porous Membranes by Blending of Aromatic Polyethers with Water Soluble Polymers for Application as Separators in Lithium Batteries.

C. Elmasides, A. Voegelé, J. K. Kallitsis, V. Deimede, **G. Lainioti**

Seminar Attendance

- Intensive courses of assurance and quality (ISO-HACCP), 12-13 January 2006, Patras.
- Seminar for laboratory accreditation according to the international standard ISO/IEC 17025, Association of Greek Chemists, 35 hours, 17-20 October 2007, Athens.
- Seminar for Electron Microscopy: "Latest Advances in Electron Microscopy", Foundation for Research and Technology/ Institute of Chemical Engineering Sciences (FORTH/ICE-HT), Patras, Greece, 2015.

Publications in International Conferences

1. Antimicrobial block copolymers bearing quaternized ammonium groups and their self-organization in organic solvents.
N. D. Koromilas, **G. Ch. Lainioti**, G. Bokias, J. K. Kallitsis
13th International Conference on Nanosciences & Nanotechnologies (NN16), 5-8 July 2016, Thessaloniki, Greece.
2. Bactericidal activities of new polymeric materials, tested on environmental strains isolated from sea and pool water.
Tselepi M., Vasilopoulos G., **Lainioti G.**, Koromilas N.D., Bokias G., Kallitsis J., Vantarakis A.
38th SOMED Congress, Society for Microbial Ecology and Disease, 11-13 October 2015, Verona, Italy.
3. Polymeric biocides as inhibitors of biofouling in marine applications.
K. Nikolaou, N. Koromilas, V. Bekiari, P. Avramidis, G. Hotos, **G. Lainioti**, J.K. Kallitsis and G. Bokias
14th International Conference on Environmental Science and Technology (CEST2015), 3-5 September 2015, Rhodes, Greece.
4. Nanomorphology control of polymer blends with biocidal groups.
D. Druvari, N.D. Koromilas, **G.Ch. Lainioti**, G. Bokias, J.K. Kallitsis
12th International Conference on Nanosciences & Nanotechnologies (NN15), 7-10 July 2015, Thessaloniki, Greece.
5. Development of polymeric membranes to separate gas mixtures.
K. Lebotesis, **G.Ch. Lainioti**, V. Deimede, T. Ioannides, J.K. Kallitsis
12th International Conference on Nanosciences & Nanotechnologies (NN15), 7-10 July 2015, Thessaloniki, Greece.
6. Nano-based methodology for the evaluation of biocide released kinetics.
G. Mathioudakis, A. Soto Beobide, N. D. Koromilas, **G. Ch. Lainioti**, J. K. Kallitsis, G. A. Voyiatzis
12th International Conference on Nanosciences & Nanotechnologies (NN15), 7-10 July 2015, Thessaloniki, Greece.

7. Porosity control in aromatic polyether/ water soluble polymers' membranes.
By **G.Ch. Lainioti**, D. Saranti-Karamesini, V. Deimede, J. K. Kallitsis, *Frontiers in Polymer Science*, 20-22 May 2015, Riva del Garda, Italy.
8. Flame-retardant coatings based on magnesium hydroxide and phosphorus compounds for wood applications
By V.T. Koukoumtzis, **G.Ch. Lainioti**, G.A. Voyiatzis, J.K. Kallitsis, 10th Hellenic Polymer Society Conference (10th HPSC), 4-6 December 2014, Rio-Patras, Greece.
9. Synthesis of block antimicrobial copolymers with ionic and immobilized groups
By N.D. Koromilas, **G.Ch. Lainioti**, G. Bokias, J.K. Kallitsis, 10th Hellenic Polymer Society Conference (10th HPSC), 4-6 December 2014, Rio-Patras, Greece.
10. Preparation of PSF blends with polymers bearing biocidal groups
By D. Druvari, N.D. Koromilas, G.Ch. Lainioti, G. Bokias, J.K. Kallitsis, 10th Hellenic Polymer Society Conference (10th HPSC), 4-6 December 2014, Rio-Patras, Greece.
11. Evaluation of the release rate of biocide polymers from films utilizing SERS and UV-Vis absorption measurements.
Georgios Mathioudakis, A. Soto Beobide, N. D. Koromilas, **G.Ch. Lainioti**, J. K. Kallitsis, G. A. Voyiatzis 10th Hellenic Polymer Society Conference (10th HPSC), 4-6 December 2014, Rio-Patras, Greece.
12. Evaluation of antimicrobial efficiency of new polymers.
E. Kougia, G. Vasilopoulos, **G. Lainioti**, N.D. Koromilas, G. Bokias, J. Kallitsis, A. Vantarakis International Conference on Antimicrobial Research - ICAR2014, 1-3 October 2014, Madrid, Spain.
13. Release of polymeric biocides from synthetic matrices for marine biofouling applications
By K. Nikolaou, N. Koromilas, **G. Lainioti**, P. Avramidis, V. Bekiari, IRLA2014 International Symposium, 26-28 November 2014, Patras, Greece.
14. Development of biocidal copolymers.
By N.D. Koromilas, **G.Ch. Lainioti**, G. Bokias, A. Vantarakis, E. Kougia, J.K. Kallitsis, 3rd International Symposium on Controlled/Living Polymerization, 1-4 May 2014, Antalya, Turkey.
15. Development of polymeric membranes with high performance polymers and modified Carbon Nanotubes.
G.Ch. Lainioti, N. Koromilas, D. Saranti-Karamesini, G.A. Voyiatzis, J. Kallitsis, Nanomemwater Conference, 8-10 October 2013, Izmir, Turkey.
16. Assessment of the multi-walled carbon nanotubes dispersion in polypropylene matrix using Raman spectroscopy.
By G. Bounos, H. Moshopoulou, **G. Lainioti**, K.S. Andrikopoulos, T. Ioannides, J.K. Kallitsis and G.A. Voyiatzis, E-MRS 2013 Fall Meeting, 16-20 September, 2013, Warsaw, Poland.
17. Synthesis of novel biocidal copolymers and their carbon nanotube hybrids.
By N.Koromilas, **G.Ch. Lainioti**, G. Bokias, G.A. Voyiatzis, J. K. Kallitsis, 10th International Conference on Nanosciences & Nanotechnologies (NN13), 9-12 July 2013, Thessaloniki, Greece.

18. Emulsion polymerization for the control of nanoparticles' structure and dimensions.
By A. Athanasopoulou, **G.Ch. Lainioti**, M. Karamitrou, G. Bokias, J. Kallitsis, 9th Hellenic Polymer Society Conference, 29 November – 1 December 2012, Thessaloniki, Greece.
19. Double hydrophilic anionic/thermosensitive diblock copolymers having associating ability with cationic surfactants.
By E.K. Oikonomou, **G. Lainioti**, G. Bokias, I. Iliopoulos, J.K. Kallitsis, 9th Hellenic Polymer Society Conference, 29 November – 1 December 2012, Thessaloniki, Greece.
20. Embedment of functionalized Carbon Nanotubes into water purification membranes.
By A. Soto Beobide, J. Anastasopoulos, D. Sklavounaki, G.A. Voyiatzis, N.Koromilas, **G.Ch. Lainioti**, J. Kallitsis, K. Kouravelou, Euromembrane Conference 2012, 23-27 September 2012, London, UK.
21. Toxicological assessment of polymer-modified Carbon Nanotubes.
By Ch. Gialeli, N.Koromilas, **G.Ch. Lainioti**, K.B Kouravelou, G.A. Voyiatzis, N.K. Karamanos, J. Kallitsis, 9th International Conference on Nanosciences & Nanotechnologies (NN12), 3-6 July 2012, Thessaloniki, Greece.
22. The dispersion of multi-walled carbon nanotubes in polyolefines probed by Raman spectroscopy.
By G. Bounos, K.S. Andrikopoulos, **G. Lainioti**, J.K. Kallitsis, T.K Karachalios, K.B Kouravelou, G.A. Voyiatzis, 9th International Conference on Nanosciences & Nanotechnologies (NN12), 3-6 July 2012, Thessaloniki, Greece.
23. The gravitational field-flow fractionation (GrFFF) for the study of the effect of fermentation temperature and pH on the growth kinetics of *Saccharomyces cerevisiae* yeast strain.
By **G.Ch. Lainioti**, L. Farmakis, J. Kapolos, A. Koliadima, G. Karaiskakis, 14th International Symposium on Field- and Flow- based Separations (FFF), 5-8 July 2009, Rio, Patras, Greece.
24. Determination of diffusion coefficients of air pollutants (SO₂, NO_x) in artificial sea water at different temperatures in the absence and the presence of surfactants.
By D. Sevastos, J. Kapolos, **G. Lainioti**, L. Farmakis, A. Koliadima, G. Karaiskakis, 4th International Conference on Diffusion in Solids and Liquids, 9-11 July 2008, Barcelona, Spain.
25. Kinetic Study of Alcoholic Fermentation in the Presence or Absence of Novel Biocatalysts by Reversed Flow Gas Chromatography.
By **G.Ch. Lainioti**, J. Kapolos, L. Farmakis, G. Karaiskakis and A. Koliadima, 9th International Hydrocolloids Conference 15-19 June 2008, Singapore.
26. Study of the influence of surfactants on the absorption mechanism of SO₂ into water by Reversed Flow Gas Chromatography.
By **G. Lainioti**, L. Farmakis, J. Kapolos, A. Koliadima, G. Karaiskakis, 28th-ICST, 5-6 July 2007, Prague, Czech Republic.
27. Study of the growth rate of *Saccharomyces cerevisiae* strains using wheat starch granules as support for yeast immobilization monitoring by Sedimentation/Steric Field-Flow Fractionation.
By J. Kapolos, L. Farmakis, **G. Lainioti**, A. Koliadima, G. Karaiskakis, 28th-ICST, 5-6 July 2007, Prague, Czech Republic.

28. Physicochemical characterization of acrylic polymeric resin and low molecule siloxane coating materials of artistic interest.

By A. Koliadima, N. Bakaoukas, J. Kapolos, **G. Lainioti** and G. Karaiskakis, 1st International CEMEPE Conference, 24–28 June 2007, Skiathos, Greece.

Publications in Hellenic Conferences

1. Development of polymeric nanocomposite membranes for various applications.

By **Georgia Ch. Lainioti**, 1st Workshop of Graduates and Post-Docs (FORTH/ICE-HT WGP1), 27 May 2015, Patras, Greece.

2. Preparation of PSF blends with polymers bearing biocidal groups.

By Denisa Druvari, Nikos D. Koromilas, **Georgia Ch. Lainioti**, George Bokias, Joannis K. Kallitsis, 1st Workshop of Graduates and Post-Docs (FORTH/ICE-HT WGP1), 27 May 2015, Patras, Greece.

3. Flame-retardant coatings based on magnesium hydroxide and phosphorus compounds for wood applications.

By Vasilis T. Koukoumtzis, **Georgia Ch. Lainioti**, George A. Voyiatzis, Joannis K. Kallitsis, 1st Workshop of Graduates and Post-Docs (FORTH/ICE-HT WGP1), 27 May 2015, Patras, Greece.

4. Synthesis of block antimicrobial copolymers with ionic and immobilized groups.

By Nikos D. Koromilas, **Georgia Ch. Lainioti**, Georgios Bokias, Joannis K. Kallitsis, 1st Workshop of Graduates and Post-Docs (FORTH/ICE-HT WGP1), 27 May 2015, Patras, Greece.

5. Nano-based Methodology for the Evaluation of Biocide Release Kinetics.

By G. Mathioudakis, A. Soto Beobide, N. D. Koromilas, **G. Ch. Lainioti**, J. K. Kallitsis, G. A. Voyiatzis, 1st Workshop of Graduates and Post-Docs (FORTH/ICE-HT WGP1), 27 May 2015, Patras, Greece.

6. Release evaluation of biocide polymers from PMMA films using SERS and UV-Visible Measurements.

By G. Mathioudakis, A. Soto Beobide, N. D. Koromilas, **G. Ch. Lainioti**, J. K. Kallitsis, G. A. Voyiatzis, 10th Hellenic Conference of Chemical Engineering, 4-6 June 2015, Patras, Greece.

7. Antimicrobial activity assessment of novel polymers.

By M. Tselepi, G. Basilopoulos, E. Kougia, **G. Lainioti**, N.D. Koromilas, G. Bokias, A. Vantarakis, I.K. Kallitsis, 5th Hellenic Conference of the Forum of Public Health and Social Medicine, 21-23 November 2014, Porto Palace Hotel, Thessaloniki, Greece.

8. Investigation of polymeric biocides application to prevent marine bioaccumulation.

By Konstantinos Nikolaou, Nikolaos Koromilas, **Georgia Lainioti**, Vlasoula Mpekiari, Pavlos Avramidis, Georgios Choutos, Joannis K. Kallitsis and Georgios Bokias, 10th Hellenic Conference of Chemical Engineering, 4-6 June 2015, Patras, Greece.

9. Kinetic study of *Saccharomyces cerevisiae* growth in the presence and the absence of immobilization support by sedimentation/steric field-flow fractionation.

By **G. Lainioti**, L. Farmakis, J. Kapolos, A. Koliadima, G. Karaiskakis, 2nd Hellenic Conference on Biotechnology and Food Technology, 29-31 March 2007, Athens, Greece.

10. Chromatographic study of the adsorption of SO₂ in water in the presence of surface active agents.

By **G. Lainioti**, A. Koliadima, G. Karaiskakis, 12th Postgraduate Conference of the University of Crete, 7-10 July 2006, Santorini, Greece.

Participation in Research Projects

- **“New immobilized biocatalysts for the increase of production, improvement of wine quality and their industrialization in wine making”**, GSRT/PENED 03ED657, (2005-2008).
- **“Modeling and simulation of physicochemical processes in the atmosphere in order to control and forecast the atmospheric pollution”**, Greece at the Poles, (2006–2008).
- **“Development of the next generation membrane bioreactor system”**, BioNexGen, FP7-NMP-2009 246039-2, (2010-2014).
- **“Development of Advanced Multifunctional Non-Woven Products”**, SYNERGASIA , GSRT/NSRF 2007-2013, (2011-2013).
- **“Extended shelf-life biopolymers for sustainable and multifunctional food packaging solutions, NANOBARRIER**, FP7-NMP-2011-LARGE-5, 280759-2 (2012-2015).
- **“Design and Development of Novel Functional Copolymers with a Block Architecture–Self-organization Abilities and Controlled Binding/Release of Biocidal Species”** (MIS 379523), GSRT Thales 12/44/5, (2012-2015).
- **“Advanced Energy Materials” PROENYL** (MIS: 448305), GSRT KRIPIS action, (2013-2015).
- **“Novel Polymeric Biocidal Materials as Alternative Biofouling-Resistant Coatings of Aquaculture Nets”**, PAVET 2013 (837-BET-2013), GSRT/NSRF 2007-2013, (2014-2015).
- **“Flame-retardant coatings based on nano-magnesium hydroxide, huntite and hydromagnesite for wood applications”**, WOOD-FLARETCOAT, FP7-SME-2012, 315425, (2014-2015).
- **“Materials and Procedures for Energy and Environmental Applications”**, AENAO (MIS: 5002556), GSRT, EPAnEk– NSRF 2014-2020.

Additional Skills

English ability	:	Cambridge First Certificate, Michigan Proficiency
French ability	:	Delf 1 (1 ^{er} Degree), Delf 2 (2 ^{em} Degree)
Computer skills	:	Excellent knowledge of Microsoft Office, Origin Lab, PhotoShop, ChemDraw
Other qualifications	:	Piano degree (Excellent) Harmony degree (Very good)