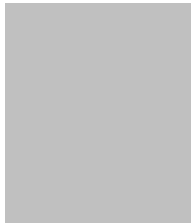


PERSONAL INFORMATION

IOANNIS THIVAIOS



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 ✉ gthivaios@gmail.com

Sex Male | Date of birth 26/08/1985 | Nationality Greek

JOB APPLIED FOR
 POSITION
 PREFERRED JOB
 STUDIES APPLIED FOR

Post – Doc Researcher / Synthesis and study of materials/nanomaterials of advanced technology

WORK EXPERIENCE

03/2014 to date	<ul style="list-style-type: none"> • Post – doc Researcher
Name and Address of Employer	Foundation for Research and Technology – Institute of Chemical Engineering Sciences (FORTH/ICE-HT), Stadiou Street, Platani, 26504 Rio, Patras, Greece.
Occupation or Position held	Design, Synthesis and Study of Hybrid nanoparticles as potential Oxygen scavengers
Type of business or Sector	Institute/Research
12/2008 - 06/2009	<ul style="list-style-type: none"> • Researcher
Name and Address of Employer	Department of Chemistry, University of Patras, 26504, Greece
Occupation or Position held	Preparation of Polymer electrolyte membrane fuel cells (PEMFCs) Blends with water-soluble homopolymers.
Type of business or Sector	University/research
31/07/2006 - 25/08/2006	<ul style="list-style-type: none"> • Analyst of Biochemical Laboratory
Name and Address of Employer	Hygeia Hospital, Erythrou Staurou 4 & Khfisias Avenue, 151 23, Marousi, Athens
Occupation or Position held	Practice at the Biochemistry Department of Hospital's Hygeia central Laboratories. Practice of biochemical and microbiological blood analysis tests.
Type of business or Sector	Biochemistry/Analysis/Health

EDUCATION AND TRAINING

23/12/2008 - 28/02/2013	<p>Ph.D in chemistry</p> <p>Title: Designing of functional water-soluble polymers with optical properties responsive to various external stimuli.</p> <p>Department of Chemistry, University of Patras, 26504, Greece</p>
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15/09/2003 - 17/07/2008

B.Sc. in Chemistry

Basic Principles of organic chemistry, inorganic chemistry, physical chemistry, analytical chemistry, biochemistry, food chemistry, environmental chemistry, computational chemistry and polymer and advanced materials chemistry.

Basic Principles of working and cooperating in laboratory environment.

B. Sc Thesis: Studying the properties of N,N-Dimethylacrylamide and N-Isopropylacrylamide based hydrogels in binary water – tetrahydrofuran mixtures.

Department of Chemistry, University of Patras, 26504, Greece

PERSONAL SKILLS

Mother tongue GREEK

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	C2	C2	C2	C1	C1
Certificate of Proficiency in English, Level C2					
FRENCH	B2	B2	A2	A2	A2
Delf 1 – Diplôme d'études en langue française -1er degré					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Very good communication skills acquired during undergraduate and postgraduate cycle. I have worked with many people, mainly researchers and graduate students of various nationalities, and I can successfully bring out different projects with very high level of cooperation.

Organisational / managerial skills

- During the preparation of my Ph. D thesis I supervised the dissertations of 10 undergraduate students totally. During this time not only I undertook to supervise, but also to guide the progress of each student at the experimental part and at the results management. At the same time I took over to prepare and deliver / present reports on various research projects in various scientific teams.
- The limited period of time that I work as a postdoctoral researcher I have successfully undertaken to organize a variety of research activities of the laboratory as leader of a research team. Also, I take responsibility to prepare and submit proposals and reports for research activities that are appealing for the laboratory team.
- Significant organizational skills and crowd manipulation skills gained in the fulfilment of my military service at the Special Forces (Greek marines) where, bearing the rank of lance corporal, I was platoon leader of 30 soldiers.

Job-related skills

- Use of hydrogels for the selective adsorption of organic dyes from water.
- Characterization by various Spectroscopy techniques (UV-Vis, FTIR).
- Design of functional water-soluble polymers with optical properties responsive to external stimuli.
- Synthesis and physicochemical study of nanoparticles and hybrid materials for technological and cutting-edge biomedical applications.
- Very good knowledge of characterization techniques (NMR, SEC, viscometry, fluorimetry)

- Computer skills**
- Excellent handling of computer software certified by the University of Patras, Department of Chemistry
 - Excellent handling of Microsoft Office, Adobe Reader, Origin Lab, Photoshop, ChemDraw and research databases
 - ▪ Good knowledge of software installation and operating for various laboratory instruments
- Other skills**
- Basketball (Bulletin Sports Status in Athletic Club Thrakomakedonon), Mountaineering, Skiing, Literature, Movies, Chess
- Driving licence** Greek driving licence with European use for category of vehicle B

ADDITIONAL INFORMATION

Publications

1. "Adsorption of Nile Red by Poly(N-isopropylacrylamide) Gels in Binary Water/Tetrahydrofuran Mixtures".
Journal of Applied Polymer Science
2. Temperature-responsive Photoluminescence of Quinoline-labeled Poly(N-isopropylacrylamide) in Aqueous Solution.
European Polymer Journal
3. Quinoline-labeled Poly(N-isopropylacrylamide): Dual optical response to temperature and cationic surfactants. (submitted)
Langmuir

Conferences

1. «Θερμοευαίσθητα Υδροπηκτώματα για τον Καθαρισμό του Νερού από Πρότυπους Οργανικούς Ρύπους».
3ο ΣΥΜΠΟΣΙΟ ΠΡΑΣΙΝΗΣ ΧΗΜΕΙΑΣ ΚΑΙ ΒΙΩΣΙΜΗΣ ΑΝΑΠΤΥΞΗΣ, Θεσσαλονίκη, 2009
2. "Novel water-soluble copolymers containing quinoline groups: pH- responsive and sensing optical properties in aqueous solution"
3rd International Symposium on Flexible Organic Electronics (IS-FOE10)
6-9 July 2010, Eagles Palace Hotel, Ouranoupolis, Greece
3. Quinoline-labeled water-soluble copolymers: Structure control of the pH-responsive optical properties in aqueous solution
8th HELLENIC POLYMER SOCIETY SYMPOSIUM HERSONISSOS CRETE, 24 – 29 OCTOBER, 2010
4. "APPLICATION OF QUINOLINE-LABELLED WATER SOLUBLE POLYMERS FOR THE INVESTIGATION OF THE POLYELECTROLYTE/SURFACTANT COMPLEXATION IN AQUEOUS SOLUTION".
8TH HELLENIC POLYMER SOCIETY SYMPOSIUM HERSONISSOS CRETE, 24 – 29 OCTOBER, 2010
5. «ΥΔΑΤΟΔΙΑΛΥΤΑ ΣΥΜΠΟΛΥΜΕΡΗ ΕΠΙΣΗΜΑΣΜΕΝΑ ΜΕ ΟΜΑΔΕΣ ΚΙΝΟΛΙΝΗΣ: ΙΔΙΟΤΗΤΕΣ ΟΠΤΙΚΗΣ ΑΠΟΚΡΙΣΗΣ ΣΕ ΥΔΑΤΙΚΟ ΠΕΡΙΒΑΛΛΟΝ».
11ο Συνέδριο Χημείας Κύπρου – Ελλάδας «Η συνεισφορά της Χημείας στον ανθρώπινο πολιτισμό.– Παρελθόν, παρόν και μέλλον» 26-30/10/2010
6. "Surfactant - sensitive and Temperature/pH – responsive Photoluminescence behavior of Quinoline-labeled Poly(N-isopropylacrylamide) in Aqueous Solution".
9th International Conference on Nanosciences & Nanotechnologies (NN12)
3-6 July 2012, Thessaloniki, Greece
7. "Water-Soluble Complexes through Coulombic Interactions between Bovine Serum Albumin and Quinoline-labeled water-soluble polymers".
9th Hellenic Polymer Society Conference 29 November – 1 December 2012, Thessaloniki, Greece

Projects

1. 12/2008 – 06/2009 "Polymer Electrolyte Membranes: Synthesis and Characterization"
Contracted Research Project University of Patras FK-C.615.
2. 09/2009 – 02/2013 National Strategic Reference Framework (NSRF) - Research Funding Program: Heracleitus II. Investing in knowledge society through the European Social Fund.
3. 08/2014 – 12/2014 "Extended Shelf-Life Biopolymers for Sustainable and Multifunctional Food Packaging Solutions – Nanobarrier" EU FP7 GA No 280759.

ANNEXES