

# Golfo Kordopati

## Curriculum Vitae

### **PERSONAL INFORMATION**

Date of Birth : August 13, 1989  
Place of Birth : Messolonghi, Greece  
Nationality : Hellenic  
Email : gkordopati@upatras.gr, golfokordopati@gmail.com

### **EDUCATION**

January 2014 – until now:

**PhD student**, Department of Chemistry, University of Patras

**Title:** Synthesis and study of bioactive molecules and conjugates with cyclodextrins

**Supervisor:** Assos. Prof. Gerasimos Tsvigoulis

October 2011- September 2013:

**MSc:** “Medicinal Chemistry: Drug Design and Development”, University of Patras,  
Department of Chemistry, Pharmacy & Medicine

(**Grade:** 9.25/10, Excellent)

**Master Thesis:** Synthesis and conformational studies using Nuclear Magnetic Resonance (NMR) of a Leuprolide analogue conjugated with modified beta-cyclodextrin

**Supervisor:** Assos. Prof. Gerasimos Tsvigoulis

**Co-supervisor:** Assos. Prof. Theodore Tselios

30 July 2012 – 14 August 2012: **Visiting researcher:** Slovenian NMR Center, National Institute of Chemistry, Slovenia (Bio-NMR project)

4-15 July 2011: **Summer School "Demokritos"** Subject area “Basic Research in Physical Sciences”

4-15 July 2011: **Summer School "Demokritos"** Subject area "Advanced Materials, Micro-Nanotechnology & Conditions”

2007-2011: **Diploma in Chemistry**, Department of Chemistry, University of Patras, Greece

(**Grade:** 7.66/10, Very Good)

**Diploma thesis:** Synthesis of a non-peptide mimetic of the Myelin Basic Protein 87-99 epitope

**Supervisor:** : Assos. Prof. Theodore Tselios

### **PUBLICATIONS**

1. **G. G. Kordopati**, T. V. Tselios, Tahsin Kellici, Franci Merzel, Thomas Mavromoustakos, Simona Golic Grdadolnik, G. M. Tsvigoulis, A novel synthetic luteinizing hormone-releasing hormone (LHRH) analogue coupled with modified  $\beta$ -cyclodextrin: Insight into its intramolecular interactions, *Biochimica et Biophysica Acta*, **2015**, 1850, 159-

2. D. Ntountaniotis, M. Vanioti, **G. G. Kordopati**, T. F. Kellici, K. D. Marousis, T. Mavromoustakos, G. A. Spyroulias, Simona Golic Grdadolnik, T. V. Tselios, A combined NMR and molecular dynamics simulation study to determine the conformational properties of rat/mouse 35-55 Myelin Oligodendrocyte Glycoprotein epitope implicated in the induction of Experimental Autoimmune Encephalomyelitis, *Journal of Biomolecular Structure & Dynamics*, **2016** (In press)

## **ATTENDANCE AT CONFERENCES**

- 12<sup>th</sup> Conference Medicinal Chemistry: Drug Discovery and Design, 13-14 May 2013, Patras, Greece (**poster presentation**)  
Title: Synthesis and 2D NMR studies of  $\beta$ -cyclodextrin/LHRH analogue conjugate
- 32<sup>nd</sup> European Peptide Symposium, 2-7 September 2012, Athens, Greece
- 1<sup>st</sup> Patras Innovation Quest 8-9 December, 2012, Patras, Greece (**poster presentation**)  
Title: Supramolecules as carriers pharmaceutical products
- International Workshop 2: Powder & Electron Crystallography, 8-12 July 2013, Patras, Greece
- 3<sup>rd</sup> Annual User group Meeting of BioNMR: NMR and protein dynamics in structural biology, 10 - 13 June 2013, Budapest, Hungary (**poster presentation**)  
Title: Synthesis and interaction studies using NMR spectroscopy of  $\beta$ -cyclodextrin: LHRH analogue conjugate
- Synthetic and Medicinal Chemistry Symposium, 12-17 May 2014, Patras, Greece (**oral presentation**)  
Title: Conformational studies of LHRH analogue conjugated with  $\beta$ -cyclodextrin using 2D NMR and Molecular Modeling
- Trends in drug research, 32<sup>nd</sup> Cyprus-Noordwijkerhout-Camerino Symposium, 18-22 May 2014, Limassol, Cyprus (**oral presentation**)  
Title: Conformational studies of LHRH analogue conjugated with cyclodextrin using 2D NMR and Molecular Modeling
- 33<sup>rd</sup> European Peptide Symposium, 31 August-5 September 2014, Sofia, Bulgaria, (**poster presentation**)  
Title: Design and synthesis of Luteinizing Hormone Releasing Hormone analogue conjugated with cyclodextrin
- NMR Applications in Life Sciences, 17-20 June 2015, Patras, Greece, (**oral presentation**)  
Title:  $\beta$ -Cyclodextrin Peptide Conjugate: Study of the intramolecular interactions by NMR and molecular modeling

## **LABORATORY EXPERIENCE**

- Solid Phase Peptide Synthesis, SPPS
- Organic synthesis
- NMR spectroscopy
- Supramolecular chemistry
- UV-Vis
- Handling apparatus of Waters' company (600 controller) running millennium 2,1 and detector Waters 996 (Diode Array detector, UV diode array) in **H**igh **P**erformance **L**iquid **C**hromatography (HPLC)
- Handling apparatus of Electrospray Platform LC Micromass, running MassLynx NT 2,3 ionization mass spectrometry in an electric field (ESI-MS)

## **LANGUAGES**

- Greek : native language
- English : Level B2 (Lower)

## **MEMBER OF PROFESSIONAL ASSOCIATIONS OR UNIONS**

- Member of the Association of Greek Chemists
- European Peptide Society

## **COMPUTER SKILLS**

- Microsoft Office (Word, Power Point, Excel)
- ChemDraw (CambridgeSoft)
- Mnova NMR