

Curriculum Vitae
And
List of Publications

Dr. Charalampos Anastasopoulos
Chemist

2017

Curriculum Vitae

CHARALAMPOS ANASTASOPOULOS

Personal Information

SURNAME: Anastasopoulos
FIRST NAME: Charalampos
DATE OF BIRTH: 01-08-1980
PLACE OF BIRTH: Marousi Attikis
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Education

- 2010-Present Postdoctoral Researcher at University of Patras, Department of Chemistry
- 2006–2010 PhD in Medicinal Chemistry, Department of Chemistry, University of Patras, Patras, Greece. Grade: “Excellent”.
PhD title: *“Design and synthesis of analogs of the sequence 558-565 loop of A2 subunit of the factor VIIIa blood coagulation. Relation between chemical structure and biological activity.”*
Supervisor: Prof. Stavropoulos G. Granted from Hellenic General Secretariat Research & Technology and from Sanofi-Aventis
- 2004-2006 MSc. in Medicinal Chemistry, Department of Chemistry, University of Patras, Patras, Greece. Grade: 9.09 “Excellent”.
Project’s title: *“Synthesis of peptoid-peptide analogs of Substance P fragments incorporating D-amino acids”* Supervisor: Prof. Stavropoulos G.
- 1999–2004 BSc. in Chemistry, Department of Chemistry, University of Patras, Patras, Greece. Grade: 7.08 “Very Good”.
Diploma Thesis: *“Synthesis and characterization of substituted hexaphenyl molecules with terminal groups of electron-hole transport”*
Supervisor: Assistant Professor Gravalos K.

Research fields of interest - Participation in Research Projects

Polymeric and Organic Chemistry,
Medicinal Chemistry (Drug Discovery & Design),
Peptide Chemistry (Peptide Synthesis & Peptidomimetics),
Analytical techniques: NMR, FT-IR, UV-Vis, LC-MS, HPLC-FLD

Personal skills and competences

Mother language : Greek

Other languages : (English Proficiency in English-University of Michigan)

Computer skills : MS Office (Word, Excel, PowerPoint, Origin).

Employment Record

Spring Semester 2015-2016 Assistant Lecturer in the laboratory of the course: Organic Chemistry of Functional Groups-I

Spring Semester 2010-2011: Hourly-paid teacher of Cosmetology at 2nd IEK of Patras, Greece.

Autumn Semester 2010-2011: Contract Part-time Assistant Lecturer of Organic Chemistry at Department of Food Technology at TEI Kalamatas, Greece.

Autumn Semester 2010-2011: Hourly-paid teacher of Pharmaceutical Physics at 2nd IEK of Patras, Greece.

Academic years 2005-2009: Instructor in the Experimental Organic Chemistry I and II at Department of Chemistry, University of Patras, Greece.

Duties :

Teaching the students, correcting their reports and assisting in the proper conduction of the experiments.

Publications

Copolymers of ionic liquids with polymeric or metallocomplex chromophores for quasi-solid- state DSSC applications.

Panagiotis Giannopoulos, Aikaterini K. Andreopoulou, **C. Anastasopoulos**, Dimitrios Raptis, Georgia Sfyri, Joannis K. Kallitsis and Panagiotis Lianos
RSC Adv., 2016,**6**, 8256-8266 doi: 10.1039/C5RA27374A

Functional semiconductors targeting copolymer architectures and hybrid nanostructures.

Joannis K. Kallitsis, **C. Anastasopoulos** and Aikaterini K. Andreopoulou
MRS Communications (2015), 5, 365–382, doi:10.1557/mrc.2015.42

Low-Band Gap Electron-Donor Oligomeric Sensitizers Directly Connected Onto TiO₂ Nanoparticles for Dye Sensitized Solar Cells Applications.

P. Giannopoulos, **C. Anastasopoulos**, A. K. Andreopoulou, and J. K. Kallitsis

Journal of Surfaces and Interfaces of Materials Vol. 2, 274–279, 2014,
doi:10.1166/jsim.2014.1061

A UPLC-MS Method for the Determination of Ofloxacin Concentrations in Aqueous Humor.

Plotas P, **Anastasopoulos C**, Makri OE, Leotsinidis M, Georgakopoulos CD
Anal Chem Insights. 2014 May 5;9:27-32. doi: 10.4137/ACI.S13857.

Cyclic peptide analogs of 558-565 epitope of A2 subunit of Factor VIII prolong aPTT. Toward a novel synthesis of anticoagulants.

C Anastasopoulos, Y Sarigiannis, G Stavropoulos
Amino Acids. 2014 Apr;46(4):1087-96. doi: 10.1007/s00726-014-1673-7

A novel approach in potential anticoagulants from peptides epitope 558–565 of A2 subunit of factor VIII

C. Anastasopoulos • Y. Sarigiannis • G. Stavropoulos
Amino Acids (2013) 44:1159–1165.

Amino Acids (Impact Factor: 3.91). 01/2013; DOI:10.1007/s00726-012-1448-y

Abstracts – Extended Proceedings in International Conferences

1. **"Functional polymeric electron donors and their hybrid nanostructures for organic electronics"**
S. Kakogianni, A. K. Andreopoulou, P. Giannopoulos, S. Aivali, **C. Anastasopoulos**, J. K. Kallitsis
April 2015, Frontiers in Polymer Science, Riva del Garda, Italy
2. **"Functional low-Band gap electron donors and their Copolymeric and Hybrid structures for organic electronics"**
S. Aivali, S. Kakogianni, **C. Anastasopoulos**, A. K. Andreopoulou, J. K. Kallitsis 7-10 July 2015,
NN15, Thessaloniki, Greece
3. **"Towards synthesis of polymeric dye sensitized TiO₂ semiconductors for DSSC applications via an alternative anchoring group"**
P. Giannopoulos, A. Andreopoulou, **C. Anastasopoulos**, J. Kallitsis, A. Nikolakopoulou, P.Lianos
4-6 December 2014: 10th Hellenic Polymer Society Conference, Conference Center of the University
of Patras, Patras, Greece
4. **"Modified electron donors with functional groups for organic electronics"**
S. Aivali, S. Kakogianni, A. K. Andreopoulou, **C. Anastasopoulos** J. K. Kallitsis
4-6 December 2014: 10th Hellenic Polymer Society Conference, Conference Center of the University
of Patras, Patras, Greece
5. **"Synthesis and characterization of polymeric functional electron donors for electronic applications"**
S. Kakogianni, A. K. Andreopoulou, P. Giannopoulos, S. Aivali, **C. Anastasopoulos**, J. K. Kallitsis
October 2014, Israel-Greece Joint Meeting on Nanotechnology and BioNanoscience Weizmann
Institute of Science, Israel

6. Copolymers based on Polymer or Metal complex electron donors and polymeric ionic liquids for DSSC applications
P. Giannopoulos¹, **C. Anastasopoulos¹**, A. Andreopoulou¹, J. Kallitsis¹, G.Sfyri^{2,4}, P.Lianos^{3,4}
11th International Conference on Nanosciences and Nanotechnologies (NN14) 8-11 July 2014, Thessaloniki, Greece
7. Design, synthesis and biological evaluation of linear peptide analogs of the A2 subunit (Sequence 558-565) of the Factor VIII of blood coagulation
Anastasopoulos, C., Sarigiannis, Y. and Stavropoulos, G.
Peptides 2012 (Proceedings of the 31st EPS), Athens, Greece, (2012), 264.
8. Design, synthesis and biological evaluation of cyclic peptide analogs of the A2 subunit (Sequence 558-565) of the Factor VIII of blood coagulation
Anastasopoulos, C., Sarigiannis, Y. and Stavropoulos, G.
Peptides 2012 (Proceedings of the 31st EPS), Athens, Greece, (2012), 266.
9. Synthesis of peptide analogs of the A2 subunit (sequence 558-565) of the factor VIIIA of blood coagulation.
Anastasopoulos, C., Sarigiannis, Y. and Stavropoulos, G.
Peptides 2010 (Proceedings of the 31st EPS), Copenhagen, Denmark, (2010), 364
10. Synthesis and biological evaluation of analogues of sequence 558-565 of A2 subunit of the factor VIIIA blood coagulation.
Anastasopoulos, C., Sarigiannis, Y., Liakopoulou-Kyriakides, M., Makris P. and Stavropoulos, G.,
10th International Congress on Amino Acids and Proteins (Proceedings of the 10th ICAAP), Vienna, Austria, (2009), S-110.
11. Linear and Cyclic Synthetic Analogs of the A2 Subunit (Sequence 558-565) of the Factor VIIIA Blood Coagulation.
Anastasopoulos, C., Sarigiannis, Y., Liakopoulou-Kyriakides, M. and Stavropoulos, G., *Peptides 2008 (Proceedings of the 30th EPS)*, Helsinki, Finland, (2008), 124.
12. Effect of arginine vasopressin analogues on human platelet aggregation in vitro
Magafa, V., Sarigiannis, Y., **Anastasopoulos, C.**, Pappa, E., Pairas, G., Slaninova, J. and Cordopatis P.
6th Hellenic Forum Bioactive Peptides, (2008), Patras, Greece, P42.
13. Synthesis and biological evaluation of analogs of the A2 subunit (Sequence 558-565) of the blood coagulation factor VIII.
Anastasopoulos, C., Sarigiannis, Y., Liakopoulou-Kyriakides, M. and Stavropoulos, G.,
10th International Congress on Amino Acids and Proteins (Proceedings of the 10th ICAAP), Kallithea, Greece, (2007), LXII-LXVI.
14. Synthetic peptides of 558-565 loop of the A2 Subunit of FVIIIa of blood coagulation cascade and their biological activity.
Anastasopoulos, C., Sarigiannis, Y., Liakopoulou-Kyriakides, M., Makris P. and Stavropoulos, G.,
Peptides 2006 (Proceedings of the 29th EPS), Gdansk, Poland, (2006), 694-695
15. Synthesis of Peptoid-Peptide analogs of Substance P fragments incorporating D-amino acids.
Anastasopoulos, C., Sarigiannis, Y., Vakalopoulou, P. and Stavropoulos, G.
Peptides 2006 (Procds of the 29th EPS), Gdansk, Poland, (2006), 692-693.