Constantinos G. Neochoritis

Date of birth: 30th September 1982
Place of birth: Thessaloniki, Greece
Address: Tyrnavou 5, 71306, Heraklion Crete
Contact: +306972991633, kneochor@uoc.gr
Personal website: http://www.chemistry.uoc.gr/neochoritis/
Researcher profile:
https://scholar.google.com/citations?hl=en&user=B2wzWD4AAAAJ
https://www.scopus.com/authid/detail.uri?authorId=16022399200
https://orcid.org/0000-0001-5098-5504

Academic and research experience

9/2022-today **Assistant Professor (permanent),** research area on the "synthesis and characterization of functional organic molecules", Department of Chemistry, University of Crete (UoC).

5/2019-9/2022 **Assistant Professor (tenure track),** research area on the "synthesis and characterization of functional organic molecules", Department of Chemistry, University of Crete (UoC).

2016-2019
- Visiting researcher in University of Groningen, principal medicinal chemist in the University of Groningen consortium targeting the PD-1/PD-L1 interactions for cancer immunotherapy.
- TelesisPharma BV (CEO): Design and development of bioactive pharmaceuticals.

Research training-Education

2012-2016 **Postdoctoral studies in Medicinal/Organic Chemistry** (Drug Design), Department of Pharmacy School, University of Groningen, Netherlands under the guidance of Prof. Alexander Dömling.

2012 **Postdoctoral studies in Medicinal Chemistry**, Medical School, Aristotle University of Thessaloniki, Greece under the guidance of Prof. Zafiroula Iakovidou-Kritsi.

2007-2011 **PhD in Organic Chemistry**, Department of Chemistry, Aristotle University of Thessaloniki, under the guidance of Prof. Tsoleridis Constantinos. PhD thesis: "*Synthesis and structure studies of biologically active nitrogen containing five, six and seven-membered heterocyclic cores"* evaluated with 10/10 excellent.

2004-2006 **MsC in Organic Chemistry**, Department of Chemistry, Aristotle University of Thessaloniki, under the guidance of Prof. Tsoleridis Constantinos. MSc degree: 8.59 (out of 10), MsC thesis: "*Synthesis of heterocyclic compounds with potential biological activity through imidazole o-quinodimethane"*, evaluated with 10/10.

2000-2004 **BSc**, Department of **Chemistry**, Aristotle University of Thessaloniki, BSc degree: 7.22 (out of 10), BSc dissertation project under the guidance of Prof. Koumbis Alexandros: "*Total Synthesis of the pheromone of the West Indies Sugarcane Borer"*, evaluated with 10/10.

Research publications-chapter books-patents

I. Research publications

1. Eirini Fotopoulou, Michael Fragkiadakis, **Constantinos G. Neochoritis***, *Tet Lett* **2023**, *in press*.
2. Barbora Waclawiková, Paulo Cesar Telles de Souza, Markus Schwalbe, **Constantinos G. Neochoritis**, Warner Hoornenborg, Sieger A. Nelemans, Siewert J. Marrink, Sahar El Aidy, *Gut Microbes* **2023**, *15*, e2154544.
3. Michael Fragkiadakis, **Constantinos G. Neochoritis***, *Synlett* **2022**, *33*, 1913-1916.
4. Xiaofang Lei, Giasemi K. Angeli, **Constantinos G. Neochoritis**, Alexander Dömling*, *Green Chem*. **2022**, *24*, 6168-6171 (hot article 2022).
5. Michael Fragkiadakis, Marios Zingiridis, Edward Loukopoulos, **Constantinos G. Neochoritis***, *Mol.Divers*. **2022**, in press.
6. Domna Iordanidou, Michael G. Kallitsakis, Marina A. Tzani, Dimitris I. Ioannou, Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Alexander Dömling, Michael A. Terzidis, Ioannis N. Lykakis, *Molecules* **2022**, *27*, 4395.
7. Maria Thomaidi, Lida-Evmorfia Vagiaki, Nikolaos P. Tripolitsiotis, Giasemi K. Angeli, Tryfon Zarganes-Tzitzikas, Kyriaki Sidiropoulou, **Constantinos G. Neochoritis***, *ChemMedChem* **2022**, 17, e202200246.
8. Xiaofang Lei, Giasemi Angeli, Alexander Dömling, **Constantinos G. Neochoritis***, *EurJOC* **2022**, *20*, 10.1002/ejoc.202200220.
9. Xiaofang Lei, Maria Thomaidi, Giasemi K. Angeli, Alexander Dömling*, **Constantinos G. Neochoritis***, *Synlett* **2022**, *33*, 155-160.
10. Xiaofang Lei, Panagiota Lampiri, Pravin Patil, Giasemi Angeli, **Constantinos G. Neochoritis,*** and Alexander Dömling*, *ChemComm* **2021**, *57*, 6652-6655.
11. Nefeli Griboura, Konstantinos Gatzonas, **Constantinos G. Neochoritis***, *Chemmedchem* **2021**, 16, 1997-2020.
12. Fandi Sutanto, Shabnam Shaabani, **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Pravin Patil, Ehsan Ghonchepour, Alexander Dömling, *Science Advances* **2021**, *7*, eabd9307 (highlighted in *Synfacts*, 10.1055/s-0040-1719800).
13. Rick Oerlemans, Angel Jonathan Ruiz-Moreno, Yingying Cong, Nilima Dinesh Kumar, Marco A. Velasco-Velazquez, **Constantinos G. Neochoritis**, Jolanda Smith, Fulvio Reggiori, Matthew R. Groves and Alexander Dömling, *RSC Med. Chem.* **2020**, *12*, 370-379.
14. Nikolaos Tripolitsiotis, Maria Thomaidi, **Constantinos G. Neochoritis***, *Eur. J. Org. Chem*. **2020**, 6525-6554.
15. **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Kallia Katsampoxaki-Hodgetts, Alexander Dömling, *J. Chem*. *Educ*. **2020**, 3739-3745.
16. Verena B. K. Kunig, Marco Potowski, Mohammad Akbarzadeh, Mateja Klika Škopić, Denise Dos Santos Smith, Lukas Arendt, Ina Dormuth, Hélène Adihou, Blaž Andlovic, Hacer Karatas, Shabnam Shaabani, Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Ran Zhang, Matthew Groves, Stéphanie M. Guéret, Christian Ottmann, Jörg Rahnenführer, Roland Fried, Alexander Dömling, Andreas Brunschweiger, *Angew. Chem. Int. Ed.* **2020**, *59*, 20388-20342. (*VIP paper*)
17. Markella Konstantinidou, Zlata Boiarska, Roberto Butera, **Constantinos G. Neochoritis**, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuscik Alexander Dömling, *Eur. J. Org. Chem.* **2020**, 34, 5601-5605.

18. Manuel G. Ricardo, Ameena M. Ali, Jacek Plewka, Ewa Surmiak, Beata Labuzek, **Constantinos G. Neochoritis**, Jack Atmaj, Lukasz Skalniak, Ran Zhang, Tad A. Holak, Matthew Groves, Daniel G. Rivera, Alexander Dömling, *Angew. Chem. Int. Ed.* **2020**, *59*, 5235-5241.
19. Ramon van der Vlag, M. Yagiz Unver, Tommaso Felicetti, Aleksandra Twarda-Clapa, Fatima Kassim, Cagdas Ermis, **Constantinos G. Neochoritis**, Bogdan Musielak, Beata Labuzek, Alexander DömlingTad A. Holak, Anna K. H. Hirsch, *ChemMedChem* **2019**, *15*, 370-375.
20. **Constantinos G. Neochoritis**, Jack Atmaj, Aleksandra Twarda-Clapa, Ewa Surmiak, Lukasz Skalniak, Lisa-Maria Köhler, Damian Muszak, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuścik, Barbara Beck, Tad A. Holak, Alexander Dömling, *Eur. J. Med. Chem.* **2019**, 111588.
21. **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Michaela Novotná, Tatiana Mitríková, Zefeng Wang, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuścik, Alexander Dömling, *Eur. J. Org. Chem.* **2019**, 6132-6137.
22. **Constantinos G. Neochoritis**, Shabnam Shaabani, Maryam Ahmadianmoghaddam, Tryfon Zarganes-Tzitzikas, Li Gao, Michaela Novotná, Tatiana Mitríková, Atilio Reyes Romero, Marina I. Irianti, Ruixue Xu, Joe Olechno, Richard Ellson, Victoria Helan, Michael Kossenjans, Matthew R. Grovesand Alexander Dömling, *Science Advances*, **2019**, *5*, eaaw4607.
23. Ehsan Ghonchepour, **Constantinos G. Neochoritis**, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuścik, Mohammad R. Islami, Alexander Dömling, *Eur. J. Org. Chem.* **2019**, 3632-3635.
24. Lukasz Skalniak, Aleksandra Twarda-Clapa, **Constantinos G. Neochoritis**, Ewa Surmiak, Monika Machula, Aneta Wisniewska, Beata Labuzek, Ameena M. Ali, Sylwia Krzanik, Grzegorz Dubin, Matthew Groves, Alexander Dömling, Tad A. Holak *FEBS* **2019**, 1360-1374.
25. **Constantinos G. Neochoritis**, Ting Zhao, Alexander Dömling, *Chem. Rev*. **2019**, *119*, 1970-2042 (most read of month, selected in the top 10 of 2019).
26. Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Alexander Dömling, *ACS Med. Chem. Lett.* **2019**, *10*, 389-392 (most read of month).
27. **Constantinos G. Neochoritis**, Maryam Kazemi Miraki, Eman M. M. Abdelraheem, Ewa Surmiak, Tryfon Zarganes-Tzitzikas, Beata Łabuzek, Tad A. Holak, Alexander Dömling, *BJOC* **2019**, *15*, 513-520.
28. **Constantinos G. Neochoritis**, Ehsan Ghonchepour, Maryam Kazemi Miraki, Tryfon Zarganes-Tzitzikas, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuścik, Alexander Dömling, *Eur. J. Org. Chem.* ***2019****, 1, 50-55 (VIP article)*.
29. Domna Iordanidou, Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Alexander Dömling, Ioannis N. Lykakis, *ACS Omega* **2018**, *3*, 16005-16013.
30. **Constantinos G. Neochoritis**, Tjie Kok Go, Hannah Wapenaar, Kan Wang, Tryfon Zarganes-Tzitzikas, Giordano Proietti, Nikolaos Eleftheriadis, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuścik, Robbert Cool, Gerrit J. Poelarends, Alexander Dömling, Frank J. Dekker, *Bioorg. Med. Chem*. **2018**, *26*, 999-1005.
31. Shabnam Shaabani, **Constantinos G. Neochoritis**, Aleksandra Twarda-Clapa, Bogdan Musielak, Tad A. Holak, A. Dömling, *MedChemComm* **2017**, *8*, 1046-1052.
32. P. M. Kasapidou, T. Zarganes-Tzitzikas, C. A. Tsoleridis, J. Stephanidou-Stephanatou, **C. G. Neochoritis***, *Synthesis* **2017**, *49*, 3619-3632.

33. Aleksandra Twarda-Clapa, Sylwia Krzanik, Katarzyna Kubica, Katarzyna Guzik, Beata Labuzek, **Constantinos G. Neochoritis**, Kareem Khoury, Kaja Kowalska, Miroslawa, Czub, Grzegorz Dubin, Alexander Dömling, Lukasz Skalniak, Tad A Holak, *J. Med. Chem*. **2017**, *60*, 4234-4244.
34. **Constantinos G. Neochoritis**, Natalia Estrada-Ortiz, Aleksandra Twarda-Clapa, Bogdan Musielak, Tad A. Holak, Alexander Dömling, *ACS Med. Chem. Lett*. **2017**, *8*, 1025-1030.
35. Ewa Surmiak, **Constantinos G. Neochoritis**, Bogdan Musielak, Aleksandra Twarda-Clapa, Katarzyna Kurpiewska, Grzegorz Dubin, Carlos Camacho, Tad A. Holak, Alexander Dömling, *Eur. J. Med. Chem.* **2017**, *126*, 384-307.
36. Despina Livadiotou, Dimitra Hatzimimikou, Dimitra Tsitsi, Vassilios Tsiaras, Evanthia Samatidou, **Constantinos G. Neochoritis***, *Tet. Lett*. **2016**, *57*, 5453-5456.
37. **Constantinos G. Neochoritis***, Despina Livadiotou, Vassilios Tsiaras, Tryfon Zarganes-Tzitzikas, Evanthia Samatidou, *Tetrahedron* **2016**, *72*, 5149-5156.
38. Nikolaos Eleftheriadis, Hessel Poelman, Niek G. J. Leus, Birgit Honrath, **Constantinos G. Neochoritis**, Amalia Dolga, Alexander Dömling, Frank J. Dekker, *Eur. J. Med. Chem* **2016**, *122*, 786-801.
39. Nikolaos Eleftheriadis, Evanthia Samatidou, **Constantinos G. Neochoritis***, *Tetrahedron* **2016**, *72*, 1742-1746.
40. Natalia Estrada-Ortiz, **Constantinos G. Neochoritis**, Alexander Dömling, *Chem. Med. Chem*. **2016**, *8*, 757-772.
41. **Constantinos G. Neochoritis**, Kan Wang, Natalia Estrada-Ortiz, Eberhardt Herdtweck, Katarzyna Kubica, Aleksandra Twarda, Krzysztof M. Zak, Tad A. Holak and Alexander Dömling, *Bioorg. Med. Chem. Lett*. **2015**, *25*, 5661-5666.
42. George P. Liao, Eman M.M. Abdelraheem, **Constantinos G. Neochoritis**, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuścik, David C. McGowan, Alexander Dömling, *Org. Lett.* **2015**, *17*, 4890-4893.
43. Nikolaos Eleftheriadis, **Constantinos G. Neochoritis**, Niek G. J. Leus, Petra E. van der Wouden, Alexander Dömling, Frank J. Dekker, *J. Med. Chem*. **2015**, 58, 7850-7862.
44. Shuwen Wu,Jing Huang, Sabrina Gazzarrini, Si He, Lihua Chen, Jun Li, Li Xing, Chufang Li, Ling Chen, **Constantinos G. Neochoritis**, George P. Liao, Haibing Zhou, Alexander Dömling, Anna Moroni, Wei Wang, *Chem. Med. Chem*. **2015**, *10*, 1837-1845.
45. **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Silvia Stotani, Adrian Dömling, Eberhardt Herdtweck, Kareem Khoury, Alexander Dömling, *ACS Comb.Sci*. **2015**, *17*, 493-499.
46. **Constantinos G. Neochoritis**, Ji Zhang, Alexander Dömling, *Synthesis* **2015**, *47*, 2407-2413.
47. **Constantinos G. Neochoritis**, Silvia Stotani, Bhupendra Mishra, Alexander Dömling, *Org. Lett.* **2015**, *17*, 2002-2005.
48. **Constantinos G Neochoritis**, Natalia Estrada-Ortiz, Kareem Khoury, Alexander Dömling, *Annual Reports in Medicinal Chemistry* **2014**, *49*, 167-184.
49. **Constantinos G. Neochoritis**, Alexander Dömling, *Org.Biomol.Chem.* **2014**, *12*, 1649-1651.
50. **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Julia Stephanidou-Stephanatou, *Synthesis* **2014**, *46*, 537-585.
51. **Constantinos G. Neochoritis**, Nicolaos Elefteriadis, Arianna Tsiantou, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Synlett* **2013**, *24*, 2768-2772.
52. Nicolaos Elefteriadis, **Constantinos G. Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, Zafiroula Iakovidou-Kritsi, *Eur. J. Med. Chem.* **2013**, *67,* 302-309.

53. Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Julia Stephanidou-Stephanatou, Constantinos A. Tsoleridis, Gernot Buth, George E. Kostakis, *Tetrahedron* **2013**, *69*, 5008-5015.
54. **Constantinos G. Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Eur. J. Org. Chem*. **2011**, 5336-5346.
55. Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Julia Stephanidou-Stephanatou, Constantinos A. Tsoleridis, *J. Org. Chem*. **2011**, *76*, 1468-1471.
56. **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, Christos A. Kontogiorgis, Dimitra J. Hadjipavlou-Litina, Theodora Choli-Papadopoulou, *Eur. J. Med. Chem.* **2011**, *46,* 297-306. *(awarded in the best 25 articles of the year)*
57. **Constantinos G. Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, Christos A. Kontogiorgis, Dimitra J. Hadjipavlou-Litina, *J. Med. Chem.* **2010**, *53*, 8409-8420.
58. **Constantinos Neochoritis**, Nikolaos Eleftheriadis, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Tetrahedron* **2010**, *66*, 709-714.
59. **Constantinos Neochoritis**, Julia Stephanidou-Stephanatou, Constantinos A. Tsoleridis, *Synlett* **2009**, *2*, 302-305.
60. Despoina Livadiotou, Dimitra Hatzimimikou, **Constantinos Neochoritis**, Michael Terzidis, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Synthesis* **2008**, *20*, 3273-3278.
61. **Constantinos Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Tetrahedron* **2008**, *64*, 3527-3533.
62. **Constantinos Neochoritis**, Minodora Pozarentzi, Julia Stephanidou-Stephanatou, Constantinos A. Tsoleridis, *Letters in Organic Chemistry* **2008**, *5*, 22-25.
63. **Constantinos Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Arkivoc*, **2007**, *xv*, 101-111.
64. **Constantinos Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Synlett* **2007**, *16*, 2596-2598.
65. **Constantinos Neochoritis**, Despoina Livadiotou, Julia Stephanidou-Stephanatou, Constantinos A. Tsoleridis, *Tet. Lett*. **2007**, *48*, 2275-2277.

II. Chapter books

1. E. Kroon, T. Zarganes Tzitzikas, **C. G. Neochoritis**, A. Dömling, *Science of Synthesis* **2015***,* 419-439*.*
2. **C. Neochoritis**, N. Eleftheriadis, C.A. Tsoleridis, J. Stephanidou-Stephanatou, *Topics in Chemistry & Materials Science,* Heron Press, **2009**, *3,* 59-62.

III. Patents

Patent No. WO2020038812, **New process for the preparation of Amenamevir**

IV. Books

- C. Neochoritis and A. Dömling, Multi-Component reactions for students, Wiley, *under preparation*, book (signed contract)
- Participation in the translation team in Greek of the organic chemistry text book “Organic Chemistry, M. Loudon, J. Parise, 6th edition”.

- Participation in the translation team in Greek of the organic chemistry text book "Essential Organic Chemistry", Paula Yurkanis Bruice, 3rd edition, **2023**.

Conferences

I. Selected oral presentations

- 14th Young Investigator Workshop (YIW 2023), **7-8/7/2023**, Leuven, Belgium, "Access to high rotational barrier atropisomers" *(προσκεκλημένος ομιλητής από* EuChemS/*EEX*).
- 19th Hellenic Symposium on Medicinal Chemistry (HSMC-19), **9-11/3/2023**, Patras, Greece, "An efficient and sustainable methodology towards indoles".
- Medicinal Chemistry – Research horizons and dynamics in Greece, virtual event, **19/3/2022**, "Local anesthetics via MCRs" *(invited speakers-C. Neochoritis, M. Thomaidi).*
- Virtual edition of the 2020 Young Investigator workshop, **15/12/2021**, "A multicomponent tetrazolo indole synthesis" *((invited speaker from EuChemS, EurJOC, Chemistry Europe).*
- XII Young Investigator Workshop, **25-26/11/2021**, Barcelona, Spain, "A multicomponent tetrazolo indole synthesis" *((invited speaker from* EuChemS).
- Mini Symposium in Drug Design, **14/2/2020**, Groningen, Netherlands, "*Boronic acids in organic synthesis; a modern approach" (invited speaker).*
- New Frontiers in Structure-Based Drug Discovery, 23-25/9/2019, Florence, Italy, *"Hitting on the move: targeting intrinsically disordered protein states of the MDM2-p53 interaction" (invited speaker).*
- 7th International conference on MCRs and related Chemistry, **26-31/8/2018**, Düsseldorf, Germany, "*Phenyl boronic acids into the MCR chemical space: A useful addition to the medicinal chemistry tool box".*
- ACS National Meeting, **18-22/3/2018**, New Orleans, USA, "*Toward libraries of artificial macrocycles using MCR".*
- Workshop in acoustic dispensing, **30/1/2018**, Groningen, The Netherlands, "*The Chemical Space of Multicomponent Reactions".*
- EFMC, International Symposium on Medicinal Chemistry, **27/8-31/8/2017**, Vienna, "*Expanding screening decks by innovative MCR scaffolds".*
- MCB, Recent advances in MCR chemistry, **21/3/2017**, Groningen, The Netherlands, *"MCRs as the Swiss army knife of modern Organic Chemistry".*
- Compound libraries 2016, **25-26/10/2016**, Berlin, Germany, *"Instant Chemistry for the fast and efficient exploration of new chemical space".*
- 12th Conference Greece-Cyprus, **8-10/5/2015**, Thessaloniki, Greece, *"Targeting intrinsically disordered protein states: Novel p53-MDM2 inhibitors".*
- Chains2014, the dutch chemistry conference, **17-18/11/2014**, Veldhoven, The Netherlands, *"Targeting intrinsically disordered protein states: Novel p53-MDM2 inhibitors".*
- Medicinal Chemistry and Bioanalysis (MCB) Symposium 2014, Joining forces in pharmaceutical analysis and medicinal chemistry, **25-26/8/2014**, Groningen, The Netherlands, *"A novel computational platform linking drug discovery with fast and efficient chemistry pathways".*

- 10th International Conference on Chemical structures and 10th German Conference on Cheminformatics, **1-5/6/2014**, Noordwijkerhout, The Netherlands, *"Screening reactions pathway-driven very large chemical space: Discovery of potent MDM2-p53 antagonist".*
- 21st Panhellenic Conference of Chemistry, **9-12/12/2011**, Thessaloniki, *"Mannich-type reactions of 1,3-diketones catalysed by DBU".*
- 21st Panhellenic Conference of Chemistry, **9-12/12/2011**, Thessaloniki, *"Reactions of imidazolothiones with isonitriles catalysed by diazodiethyldicarboxylate (DEAD)".*
- 3rd Symposium in Green Chemistry & Sustainable Development, **25-27/9/2009**, Thessaloniki, *"Formation of Azabicyclic derivatives as key intermediates in the synthesis of natural products through a double, stereoselective organic solvent-free Mannich reaction".*
- 5th Scientific Conference of Medical School of Aristotle University of Thessaloniki, **2-5/4/2009**, Thessaloniki, *"Cytogenetic study of newly formed 1,5-benzodiazepines" (awarded as the best oral presentation of Conference).*

II. Selected poster presentations

- 22nd European Symposium on Organic Chemistry (ESOC 2023), **9-13/7/2023**, Ghent, Belgium, "Instant Synthesis of macrocycles".
- 18th Hellenic Symposium on Medicinal Chemistry, **25-27/2/2021**, Athens, Greece, "*A mild and efficient methodology towards tetrazole indoles"*.
- Frontiers in Medicinal Chemistry, **11-14/3/2018**, Jena, Germany, "*Drug Discovery at the Speed of Sound".*
- Chains, **5/12-7/12/2017**, Veldhoven, The Netherlands, "*Toward libraries of artificial macrocycles using MCR".*
- Drug discovery and selection, **5-7/7/2017**, Tolouse, France, "*Design, synthesis and biological activity of molecules targeting PD1-PDL1*".
- EFMC, International Symposium on Medicinal Chemistry, **28/8-1/9/2016**, Manchester, UK, *"Drugging the "undruggable" MCR scaffold manifold: The design and synthesis of covalent inhibitors and macrocycles".*
- 22nd Panhellenic Conference of Chemistry, **2-4/12/2016**, Thessaloniki, Greece, *"First catalytic hetero-Diels-Alder reaction of imidazole-2-thiones and in silico biological evaluation of the cycloadducts".*
- Frontiers in Medicinal Chemistry, **15-18/3/2015**, Marburg, Germany, *"Novel p53-mdm2 inhibitors: Restoring p53 activity".*
- Medicinal Chemistry and Bioanalysis (MCB) Symposium 2014, Joining forces in pharmaceutical analysis and medicinal chemistry, **25-26/8/2014**, Groningen, The Netherlands, *"INHA-DB: A chemoinformatic database of Mycobacterium tuberculosis enoyl acyl carrier protein reductase".*
- 15th Tetrahedron Symposium, Challenges in Bioorganic and Organic Medicinal Chemistry, **24-27/6/2014**, London, UK, *"Targeting intrinsically disordered protein states: Novel p53-mdm2 inhibitors".*

- 10th International Conference on Chemical structures and 10th German Conference on Cheminformatics, **1-5/6/2014**, Noordwijkerhout, The Netherlands, *"NUCLEO.QUERY: A free web-based virtual screening platform targeting nucleotide cofactor proteins".*
- Gordon Research Conference and Seminars, High Throughput Chemistry and Chemical Biology, **1-6/6/2013**, Boston, USA, *"Discovery of the First-in-class MDM4 over MDM2 selective p53 Antagonist via ANCHOR.QUERY and Multi-Component Reaction Chemistry".*
- 32st Annual Scientific Conference of the Hellenic Association of Biological Sciences, **20-22/5/2010**, Karpenisi, *"1,5-benzodiazepines: Potential protective agents of DNA".*
- 14th Hellenic Symposium on Medicinal Chemistry, **23-25/4/2010**, Thessaloniki, *"Benzimidazole Schiff bases versus pyrimido[1,2-a]benzimidazol-3(4H)-ones by one-pot microwave synthesis. Evaluation for antioxidant activity and lipid peroxidation inhibition*".
- 3rd Hellenic Symposium Organic Synthesis from Chemistry to Biology, Medicine and Materials Science, **15-17/10/2009**, Athens, Greece, *"Benzoxazepines versus Benzodiazepines: Kinetic versus Thermodynamic Access. Synthesis through Microwave Assisted Acid Catalysis".*
- 31st Annual Scientific Conference of the Hellenic Association of Biological Sciences, **14-16/5/2009**, Patras, *"Study of chromosomical changes of human lymphocytes by 1,5-benzodiazepines".*
- 2nd International Symposium in Organic Chemistry, **13-16/12/2008**, Sofia, Bulgaria, *"A thorough Study on the Reaction of DMAD with 1-Arylaminoimidazole-2-thiones. Expeditious Synthesis of Imidazothiazoles through a Novel Arylamino Rearrangement".*
- 2nd Greek Symposium of Organic Synthesis, **19-21/04/2007**, Athens, Greece, *"N-aminoimidazol-2-thiones as intermediates in the synthesis of fused imidazolothiadiazines derivatives".*

Fellowships/Awards

2023	Nominated as the **national representative** at the Young Investigator Workshop 2023 (**YIW2023**) of the EuChemS Division of Organic Chemistry (**ESOC 2023**).
2022	Hildegard-Zervas award from National Academy of Science of Greece for **pioneering work in the field of organic chemistry**.
2020-2021	• Selected as **"YourJOC" talent** by the European Journal of organic Chemistry and Wiley for emerging researchers in the field of organic chemistry across the globe which are considered to be key players within the next generation of organic chemists. • Selected as a **EuroMedChemTalent** under the collaboration of ChemMedChem, the European Federation for Medicinal Chemistry (EFMC), and its Young Scientists Network (YSN). • Nominated as the **national representative** at the Young Investigator Workshop 2020 (YIW2020) of the EuChemS Division of Organic Chemistry.
2015	Selection and participation amongst the **best 650 young scientists** from all over the world for the 65th Interdisciplinary Lindau Meeting (Meeting with Nobel laureates, participation is allowed only after invitation).
2013	Participation after invitation in the Gordon Research Conference and Seminars, High Throughput Chemistry and Chemical Biology in Boston, USA.

2011 **Scholarship** from the Research Committee of Aristotle University of Thessaloniki for postdoctoral studies in Greece (1st in rank).

2007-2011 **Award** of excellence for the PhD in the Department of Chemistry of Aristotle University from National Bank of Greece (top 10%).

2008-2009 **Scholarship** from the Research Committee of Aristotle University of Thessaloniki for best PhD thesis (1st in rank).

2005-2006 **Award of excellence** for the MsC in the Department of Chemistry of Aristotle University from National Bank of Greece (ranked among the best, top 10%).

2004-2005 **Award of excellence** for the BSc from National Bank of Greece (ranked among the best, top 10%).

2000-2003 **Scholarship** from the Foundation of State Scholarships (top 5%).

Reviewer-Evaluator

Peer-review international journals

I am an active reviewer on the following journals:

2012- today

- *ACS*: Organic Letters, Journal of Organic Chemistry
- *Beilstein*: Beilstein Journal of Organic Chemistry
- *Cell press*: iScience
- *Elsevier*: Tetrahedron, Tetrahedron Letters, Bioorganic and Medicinal Chemistry, Computational and Structural Biotechnology, European Journal of Medicinal Chemistry
- *RSC*: RSC Advances
- *Thieme*: Synlett, Synthesis
- *Wiley*: Chemistry a European Journal, European Journal of organic chemistry, Asian Journal of Organic Chemistry

Recognized as “outstanding reviewer” by Elsevier.
Certified reviewer by ACS (ACS reviewer lab).

National research grant evaluations

2019-today Evaluator of the National Science Center of Poland, Poland.

2020-today Evaluator of the Hellenic Foundation of Research and innovation (HFRI), Greece.

2021 Evaluator of the industrial PhDs Patra, Greece.

Member of scientific unions/committees

- American Chemical Society (*organic chemistry division*)
- EuChemS (*organic chemistry division*)
- Association of Greek Chemists
- Lindau alumni

Administrative work

2023	Coordinator of the Department of Chemistry, UoC for the students' internship
2022- today	Member of the internal evaluation team of the Department of Chemistry, UoC (OMEA).
2021- today	Member of the dissemination actions of the Department of Chemistry-webpage.
2021- today	Colloquium coordinator • Organization (with the help of Mr Thedorakis M. and Prof Smonou I.) of the prestigious colloquiums/seminars of the Department of Chemistry. • Invitation and participation of excellent researchers from all around the world. • Participation of two Nobel laureates ➢ Jean-Marie Lehn (15/1/2021). ➢ Peter Agre (5/2/2021).
2021- 2022	Member of the examination committee of students internship.
2021- today	Member of the organizing committee of the UoC for the establishment of a master's program in Pharmacy.
2020- today	Member of the tipping point project (https://www.thetippingpoint.org.gr/en/) where I am trying to advice and uncover the possibilities and opportunities of the modern chemist.
2020-2021	Consultancy to the UoC regarding the foundation of an institute of Chemistry (drug discovery center).
2020-2021	Member of the organizing committee of the Training of the Trainers (ToT).

Languages

English	Certificate of Proficiency in English (Michigan), First Certificate in English (Cambridge).
German	Zertifikat Deutsch als Fremdsprache (Goethe-Institut/Deutscher Volkshochschul-Verband E.V.).
Dutch	Basic level.

Teaching Experience

2019-today *Autonomous teaching in the Department of Chemistry UoC*

2019-today	• **Organic Chemistry II** (XHM-202, undergraduate course UoC). • **Medicinal Chemistry** (ΑΣΦΔ19, course on the master's program Isolation and Synthesis of natural products with biological activity, *joint teaching*). • **Design and Drug Development** (XHM-517, *joint teaching*).
2019-2022	• **Organic Chemistry II** (XHM-202, undergraduate course UoC). • **Medicinal Chemistry** (ΑΣΦΔ19, course on the master's program Isolation and Synthesis of natural products with biological activity, *joint teaching*).

Technologies on Drug Development (1511, course on the master's program Protein Biotechnology, *joint teaching*, *course coordinator since 2021*).

- **Synthetic Organic Chemistry** (ΑΣΦΔ14, graduate course)

2019-today **Principal Investigator (PI)**

- 14 undergraduate students (*13 completed*)
- 5 graduate students (*2 completed*)
- 2 PhD students

Social activity

As a very active member of the Association of Greek Chemists and Lindau alumni society, I participate in many summer schools, trying to stimulate the interest of people in Chemistry, fight against chemophobia and organize numerous activities (live experiments) in schools concerning science in general. I participate in the "tipping point project" (https://www.thetippingpoint.org.gr/en/) which stimulates the interest of young students (high School) for the world of Chemistry. I enjoy playing chess, scrabble, reading scientific books involving chemistry, science, history and traveling all around the world.