

Constantinos G. Neochoritis

📅 : 30th September 1982

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Positions

- May 2019-now** **Assistant Professor** in the Chemistry department of University of Crete (UoC)
- 2016-2019** **Principal medicinal/organic chemist** in the University of Groningen consortium targeting the PD-1/PD-L1 interactions for cancer immunotherapy- Foundation of TelesisPharma B.V.

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. Fandi Sutanto, Shabnam Shaabani, **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Pravin Patil, Ehsan Ghonchepour, Alexander Dömling, *Science Advances* **2021**, *accepted*.
2. 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**, *in press* {10.1039/d0md00367k}.
3. Nikolaos Tripolitsiotis, Maria Thomaidi, **Constantinos G. Neochoritis***, *Eur. J. Org. Chem.* **2020**, 6525-6554.
4. **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Kallia Katsampoxaki-Hodgetts, Alexander Dömling, *J. Chem. Educ.* **2020**, 3739-3745.
5. 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*)
6. Markella Konstantinidou, Zlata Boiarska, Roberto Butera, **Constantinos G. Neochoritis**, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuscik Alexander Dömling, *Eur. J. Org. Chem.* **2020**, 34, 5601-5605.
7. 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.
8. Ramon van der Vlag, M. Yagiz Unver, Tommaso Felicetti, Aleksandra Twarda-Clapa, Fatima Kassim, Cagdas Ermis, **Constantinos G. Neochoritis**, Bogdan Musielak, Beata Labuzek, Alexander Dömling Tad A. Holak, Anna K. H. Hirsch, *ChemMedChem* **2019**, 15, 370-375.
9. **Constantinos G. Neochoritis**, Jack Atmaj, Aleksandra Twarda-Clapa, Ewa Surmiak, Lukasz Skalniak, Lisa-Maria Köhler, Damian Muszak, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuscik, Barbara Beck, Tad A. Holak, Alexander Dömling, *Eur. J. Med. Chem.* **2019**, 111588.
10. **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Michaela Novotná, Tatiana Mitriková, Zefeng Wang, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuscik, Alexander Dömling, *Eur. J. Org. Chem.* **2019**, 6132-6137.
11. **Constantinos G. Neochoritis**, Shabnam Shaabani, Maryam Ahmadianmoghaddam, Tryfon Zarganes-Tzitzikas, Li Gao, Michaela Novotná, Tatiana Mitriková, Atilio Reyes Romero, Marina I. Irianti, Ruixue Xu, Joe Olechno, Richard Ellson, Victoria Helan, Michael Kossenjans, Matthew R. Groves and Alexander Dömling, *Science Advances*, **2019**, 5, eaaw4607.
12. Ehsan Ghonchepour, **Constantinos G. Neochoritis**, Katarzyna Kurpiewska, Justyna Kalinowska-Tłuscik, Mohammad R. Islami, Alexander Dömling, *Eur. J. Org. Chem.* **2019**, 3632-3635.
13. 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.

14. **Constantinos G. Neochoritis**, Ting Zhao, Alexander Dömling, *Chem. Rev.* **2019**, *119*, 1970-2042 (most read of month, selected in the top 10 of 2019).
15. Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Alexander Dömling, *ACS Med. Chem. Lett.* **2019**, *10*, 389-392 (most read of month).
16. **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.
17. **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).
18. Domna Iordanidou, Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Alexander Dömling, Ioannis N. Lykakis, *ACS Omega* **2018**, *3*, 16005-16013.
19. **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.
20. Shabnam Shaabani, **Constantinos G. Neochoritis**, Aleksandra Twarda-Clapa, Bogdan Musielak, Tad A. Holak, A. Dömling, *MedChemComm* **2017**, *8*, 1046-1052.
21. P. M. Kasapidou, T. Zarganes-Tzitzikas, C. A. Tsoleridis, J. Stephanidou-Stephanatou, **C. G. Neochoritis***, *Synthesis* **2017**, *49*, 3619-3632.
22. Aleksandra Twarda-Clapa, Sylwia Krzanik, Katarzyna Kubica, Katarzyna Guzik, Beata Labuzek, **Constantinos G. Neochoritis**, Kareem Houry, Kaja Kowalska, Mirosława, Czub, Grzegorz Dubin, Alexander Dömling, Lukasz Skalniak, Tad A Holak, *J. Med. Chem.* **2017**, *60*, 4234-4244.
23. **Constantinos G. Neochoritis**, Natalia Estrada-Ortiz, Aleksandra Twarda-Clapa, Bogdan Musielak, Tad A. Holak, Alexander Dömling, *ACS Med. Chem. Lett.* **2017**, *8*, 1025-1030.
24. 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.
25. Despina Livadiotou, Dimitra Hatzimimikou, Dimitra Tsitsi, Vassilios Tsiaras, Evanthia Samatidou, **Constantinos G. Neochoritis***, *Tet. Lett.* **2016**, *57*, 5453-5456.
26. **Constantinos G. Neochoritis***, Despina Livadiotou, Vassilios Tsiaras, Tryfon Zarganes-Tzitzikas, Evanthia Samatidou, *Tetrahedron* **2016**, *72*, 5149-5156.
27. 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.
28. Nikolaos Eleftheriadis, Evanthia Samatidou, **Constantinos G. Neochoritis***, *Tetrahedron* **2016**, *72*, 1742-1746.
29. Natalia Estrada-Ortiz, **Constantinos G. Neochoritis**, Alexander Dömling, *Chem. Med. Chem.* **2016**, *8*, 757-772.
30. **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.

31. 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.
32. 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.
33. 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.
34. **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Silvia Stotani, Adrian Dömling, Eberhardt Herdtweck, Kareem Khoury, Alexander Dömling, *ACS Comb.Sci.* **2015**, *17*, 493-499.
35. **Constantinos G. Neochoritis**, Ji Zhang, Alexander Dömling, *Synthesis* **2015**, *47*, 2407-2413.
36. **Constantinos G. Neochoritis**, Silvia Stotani, Bhupendra Mishra, Alexander Dömling, *Org. Lett.* **2015**, *17*, 2002-2005.
37. **Constantinos G. Neochoritis**, Natalia Estrada-Ortiz, Kareem Khoury, Alexander Dömling, *Annual Reports in Medicinal Chemistry* **2014**, *49*, 167-184.
38. **Constantinos G. Neochoritis**, Alexander Dömling, *Org. Biomol. Chem.* **2014**, *12*, 1649-1651.
39. **Constantinos G. Neochoritis**, Tryfon Zarganes-Tzitzikas, Julia Stephanidou-Stephanatou, *Synthesis* **2014**, *46*, 537-585.
40. **Constantinos G. Neochoritis**, Nicolaos Eleftheriadis, Arianna Tsiantou, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Synlett* **2013**, *24*, 2768-2772.
41. Nicolaos Eleftheriadis, **Constantinos G. Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, Zafiroula Iakovidou-Kritsi, *Eur. J. Med. Chem.* **2013**, *67*, 302-309.
42. Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Julia Stephanidou-Stephanatou, Constantinos A. Tsoleridis, Gernot Buth, George E. Kostakis, *Tetrahedron* **2013**, *69*, 5008-5015.
43. **Constantinos G. Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Eur. J. Org. Chem.* **2011**, 5336-5346.
44. Tryfon Zarganes-Tzitzikas, **Constantinos G. Neochoritis**, Julia Stephanidou-Stephanatou, Constantinos A. Tsoleridis, *J. Org. Chem.* **2011**, *76*, 1468-1471.
45. **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*)
46. **Constantinos G. Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, Christos A. Kontogiorgis, Dimitra J. Hadjipavlou-Litina, *J. Med. Chem.* **2010**, *53*, 8409-8420.
47. **Constantinos Neochoritis**, Nikolaos Eleftheriadis, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Tetrahedron* **2010**, *66*, 709-714.
48. **Constantinos Neochoritis**, Julia Stephanidou-Stephanatou, Constantinos A. Tsoleridis, *Synlett* **2009**, *2*, 302-305.
49. Despoina Livadiotou, Dimitra Hatzimimikou, **Constantinos Neochoritis**, Michael Terzidis, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Synthesis* **2008**, *20*, 3273-3278.
50. **Constantinos Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Tetrahedron* **2008**, *64*, 3527-3533.

51. **Constantinos Neochoritis**, Minodora Pozarentzi, Julia Stephanidou-Stephanatou, Constantinos A. Tsoleridis, *Letters in Organic Chemistry* **2008**, *5*, 22-25.
52. **Constantinos Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Arkivoc*, **2007**, *xv*, 101-111.
53. **Constantinos Neochoritis**, Constantinos A. Tsoleridis, Julia Stephanidou-Stephanatou, *Synlett* **2007**, *16*, 2596-2598.
54. **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".

Conferences

I. Selected oral presentations

- 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*", **C. Neochoritis** (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 diazodiethylidicarboxylate (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

- 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, “*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, “*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 chromosomal 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*”.

Scholarships/Awards

- 2020**
- I. Selected as “YourJOC” talent by 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.
 - II. Selected as a EuroMedChemTalent under the collaboration of ChemMedChem, the European Federation for Medicinal Chemistry (EFMC), and its Young Scientists Network (YSN).
 - III. 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%).

Research experience-skills

- Total research **experience of 15 years** involving organic chemistry synthesis with specialty on heterocyclic chemistry, drug design and structure-activity relationship studies. Expert in Multi-Component Chemistry (MCR), structure elucidation and in High-throughput synthesis.
- Experienced on the design and synthesis of novel, **artificial macrocycles** targeting specific targets and computational chemistry.
- **Radiochemistry** (synthesis using the hot fluorine ¹⁸F for PET studies).
- Advanced knowledge of **special software** as Chemoffice, Chems sketch, Moloc, Pymol, AnchorQuery, NucleoQuery, Cambridge Structural Database (CSD) etc.
- **Efficiently operation** and great experience of NMR (Bruker AM 300 and Bruker Avance 4-channel 500), IR (FT-IR, Perkin-Elmer 1600), LC-MS (2010 EV system-Shimadzu), SFC-MS spectrometer, atomic emission spectrometers (ASTM D 6595-00), microwave oven (Biotage Initiator 2), Reveleris[®] X2 Flash Chromatography.
- **Openness and willingness** to generate data using a wide set of chemical biology and biochemistry techniques.
- **Excellent awareness** of recent literature and current developments in Organic/Medicinal Chemistry, drug discovery.
- **Ability to design and execute** experiments autonomously and show creativity in solving wide range of scientific challenges.
- **High social and management skills:** Excellent teamwork, collaboration and communication within team (many undergraduate, PhD students and postdoctoral researchers).
- **Demonstrate scientific leadership** by publishing in peer reviewed journals or present at internal/external conferences.
- **Certified Reviewer** in known Organic Chemistry peer-reviewed journals such as Tetrahedron (Elsevier), Tetrahedron Letters (Elsevier), Journal of Organic Chemistry, (ACS), Organic Letters (ACS), Chemistry a European Journal (Wiley). Recognized as outstanding reviewer by Elsevier.
- **Languages**
Greek: native speaker,
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.

Working experience

- 2019-now** Assistant Professor in the Chemistry Department of University of Crete (UoC)
- 2016-2018** Principal medicinal chemist, founder of **TelesisPharma B.V.**
- 2012-2016** Employee of the **University of Groningen**, Groningen Research Institute of Pharmacy (GRIP), Department of Drug Design
- 2011-2012** Working experience as a chemist in a **NATO's** certified fuel and oil analysis section.
- 2011** Fellowship signed with the Research Committee of **Aristotle University of Thessaloniki**
- 2008-2009** Fellowship signed with the Research Committee of **Aristotle University of Thessaloniki**
- 2006-2011** Administrative work in the **Association of Greek Chemists** and organization of many symposiums and conferences

Teaching experience

- 2020** Autonomous teaching of the course "Organic Chemistry II" of the undergraduate curriculum of the Chemistry Department of University of Crete
- 2019** Autonomous teaching of the course "advanced synthetic organic Chemistry" of the graduate school of the Chemistry Department of University of Crete
- 2014-2016** Teaching assistance of the course "Central Nervous System-psycho addictive compounds", University of Groningen (*Corresponding professor Alexander Dömling*)
- 2015** Autonomous teaching of the lab course "Practical Organic Chemistry Lab", University of Groningen
- 2015** Teaching assistance of the course "Computational methods in Drug Design", University of Groningen (*Corresponding professor Alexander Dömling*)

Memberships in associations

- Association of Greek Chemists (EEX)
- Association of American Chemical Society (ACS), organic chemistry division
- Lindau Alumni

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.