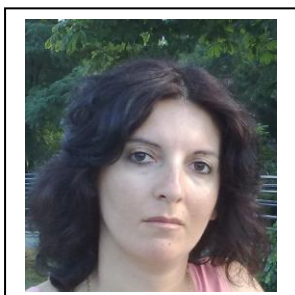


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SCOPUS: <https://www.scopus.com/authid/detail.uri?origin=resultslist&authorId=6603332768&zone=>

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EDUCATION

1993 Bachelor/NKUA/ Chemistry

1996 PhD/ NKUA/ Synthesis, characterization, and enzymatic studies of metalloenzymes inhibitors

RESEARCH FIELDS

1. Medicinal Chemistry (Drug Design and Discovery, Synthesis of Bioactive compounds)
2. Organic/Inorganic Chemistry (Organic Ligands Synthesis for Metal Complexation)
3. Organic Synthetic Chemistry (Synthetic Methodology)

EDUCATIONAL EXPERIENCE

UNDERGRADUATE COURSES

- Organic Chemistry/ mandatory/ Department of Biology
- Organic Chemistry III/ mandatory/ Department of Chemistry
- Practical Organic Chemistry II/mandatory/ Department of Chemistry
- Bioorganic Chemistry/ elective/ Department of Chemistry

GRADUATE COURSES

- Lab of Organic Chemistry/ Department of Chemistry/ Organic Synthesis and Applications in Chemical Industry/ Medicinal Chemistry and Chemistry of Biomolecules

REVIEWER OF SCIENTIFIC JOURNALS

Journal of Medicinal Chemistry

European Journal of Medicinal Chemistry

Journal of Enzyme Inhibition and Medicinal Chemistry

SELECTED PUBLICATIONS (link OF PUBLICATIONS)

1. Katsogiannou A., Karta D., Di Stefano A., Oner S., Arslan M.E., Mardinoglu A., Turkez H., Vassiliou S., Cacciatore I. Targeting Alzheimer's disease with novel dual-function 3,5-diaryl-4,5-dihydro-1H-pyrazole-1-carbothioamide derivatives (2024) European Journal of Medicinal Chemistry Reports, 12, art. no. 100235 DOI: 10.1016/j.ejmcr.2024.100235
2. Gouleni N., Di Rienzo A., Oner S., Karagoz C., Arslan M.E., Mardinoglu A., Turkez H., Di Stefano A., Vassiliou S., Cacciatore I. Anticancer Potential of Novel Cinnamoyl Derivatives against U87MG and SHSY-5Y Cell Lines (2024) Anti-Cancer Agents in Medicinal Chemistry, 24 (1), pp. 39 – 49 DOI: 10.2174/0118715206266917231106064937

3. Gouleni N., Di Rienzo A., Yilmaz A., Selvitopi H., Arslan M.E., Mardinoglu A., Turkez H., Di Stefano A., Vassiliou S., Cacciatore I. Novel styryl-thiazole hybrids as potential anti-Alzheimer's agents (2023) RSC Medicinal Chemistry, 14 (11), pp. 2315 – 2326 DOI: 10.1039/d3md00308f
4. Tabor W., Katsogiannou A., Karta D., Andrianopoulou E., Berlicki Ł., Vassiliou S., Grabowiecka A. Exploration of Thiourea-Based Scaffolds for the Construction of Bacterial Ureases Inhibitors (2023) ACS Omega, 8 (31), pp. 28783 – 28796 DOI: 10.1021/acsomega.3c03702
5. Georgiou N., Chontzopoulou E., Cheilari A., Katsogiannou A., Karta D., Vavougyiou K., Hadjipavlou-Litina D., Javornik U., Plavec J., Tzeli D., Vassiliou S., Mavromoustakos T. Thiocarbohydrazone and Chalcone-Derived 3,4-Dihydropyrimidinethione as Lipid Peroxidation and Soybean Lipoxygenase Inhibitors (2023) ACS Omega, 8 (13), pp. 11966 – 11977 DOI: 10.1021/acsomega.2c07625
6. Georgiou, N., Cheilari, A., Karta, D., Chontzopoulou, E., Plavec, J., Tzeli, D., Vassiliou, S., Mavromoustakos, T. Conformational Properties and Putative Bioactive Targets for Novel Thiosemicarbazone Derivatives. (2022) Molecules, 27 (14), art. no. 4548. DOI: 10.3390/molecules27144548
7. Georgiou, N., Katsogiannou, A., Skourtis, D., Iatrou, H., Tzeli, D., Vassiliou, S., Javornik, U., Plavec, J., Mavromoustakos, T. Article Conformational Properties of New Thiosemicarbazone and Thiocarbohydrazone Derivatives and Their Possible Targets. (2022) Molecules, 27 (8), art. no. 2537. DOI: 10.3390/molecules27082537
8. Vassiliou, S., Pagoni, A., Węglarz-Tomczak, E., Talma, M., Tabor, W., Grabowiecka, A., Berlicki, Ł., Mucha, A. Phosphinic acid-based enzyme inhibitors. (2022) Phosphorus, Sulfur and Silicon and the Related Elements, 197 (5-6), pp. 451-456. DOI: 10.1080/10426507.2021.2011882
9. Pagoni, A., Grabowiecka, A., Tabor, W., Mucha, A., Vassiliou, S., Berlicki, Ł. Covalent Inhibition of Bacterial Urease by Bifunctional Catechol-Based Phosphonates and Phosphinates (2021) Journal of Medicinal Chemistry, 64 (1), pp. 404-416 DOI: 10.1021/acs.jmedchem.0c01143
10. Georgiou, N., Gouleni, N., Chontzopoulou, E., Skoufas, G.S., Gkionis, A., Tzeli, D., Vassiliou, S., Mavromoustakos, T. Structure assignment, conformational properties and discovery of potential targets of the Ugi cinnamic adduct NGI25 (2021) Journal of Biomolecular Structure and Dynamics DOI: 10.1080/07391102.2021.2017356
11. Georgiou, N., Gkalpinos, V.K., Katsakos, S.D., Vassiliou, S., Tzakos, A.G., Mavromoustakos, T. Rational design and synthesis of $\alpha 1r$ antagonists (2021) Molecules, 26 (10), art. no. 2927 DOI: 10.3390/molecules26102927
12. Pagoni, A., Marinelli, L., Di Stefano, A., Ciulla, M., Turkez, H., Mardinoglu, A., Vassiliou, S., Cacciatore, I. Novel anti-Alzheimer phenol-lipoyl hybrids: Synthesis, physico-chemical characterization, and biological evaluation (2020) European Journal of Medicinal Chemistry, 186, art. no. 111880 DOI: 10.1016/j.ejmech.2019.111880
13. Pagoni, A., Daliani, T., Macegoniuk, K., Vassiliou, S., Berlicki, Ł. Catechol-based inhibitors of bacterial urease (2019) Bioorganic and Medicinal Chemistry Letters, 29 (9), pp. 1085-1089 DOI: 10.1016/j.bmcl.2019.02.032
14. Ntatsopoulos, V., Macegoniuk, K., Mucha, A., Vassiliou, S., Berlicki, Ł. Structural exploration of cinnamate-based phosphonic acids as inhibitors of bacterial ureases (2018) European Journal of Medicinal Chemistry, 159, pp. 307-316 DOI: 10.1016/j.ejmech.2018.09.074
15. Pagoni, A., Vassiliou, S. A novel and efficient synthesis of 3,4-dihydroxyphenylacetic ester and amide derivatives/conjugates and assessment of their antioxidant activity (2018) Natural Product Research, 32 (11), pp. 1267-1273 DOI: 10.1080/14786419.2017.1342090