

Stamatia Vassiliou

CV



Name: Stamatia Vassiliou

Date of Birth: 20-11-1970

Nationality: Greek

Education

B.Sc. in Chemistry, University of Athens (1993)

Ph.D. in Chemistry (Organic Chemistry), University of Athens (1996)

Post-Doctoral studies, Laboratory of Organic Chemistry, University of Lyon 1, France. (2000-2001)

Job

2001-2010: Research assistant – University of Athens, Department of Chemistry

2010-2016: Lecturer - University of Athens, Department of Chemistry, Laboratory of Organic Chemistry

2016-2020: Assistant Professor - University of Athens, Department of Chemistry, Laboratory of Organic Chemistry

2020-now: Associate Professor - University of Athens, Department of Chemistry, Laboratory of Organic Chemistry

Research Fields of Interest

1. Medicinal Chemistry (Drug Design and Discovery, Combinatorial Chemistry)
2. Peptidomimetics (Phosphinic Pseudopeptides, Thiophosphinic pseudopeptides)
3. Synthetic Organic Chemistry (Synthetic Methodology)

Teaching

Undergraduate:

Organic Chemistry (for Biologists)
Organic Chemistry II (for Chemists)
Organic Chemistry III (for Chemists)
Organic Chemistry II (Laboratory training for Chemists)
Organic Chemistry III (Laboratory training for Chemists)
Organic Chemistry (Laboratory training for Biologists)

Graduate:

Biomolecules-Peptides

Recent Papers

(1) Rapid and Efficient Microwave-Assisted Hydrophosphinylation of Unactivated Alkenes with H-Phosphinic Acids without Added Metal or Radical Initiator.

Troupa, P., Katsioulari, G., Vassiliou, S.* *Synlett*, **2015**, *19*, 2714-2719.

(2) Discovery of potent and selective inhibitors of human aminopeptidases ERAP1 and ERAP2 by screening libraries of phosphorus-containing amino acid and dipeptide analogues.

Weglarz-Tomczak, E. Vassiliou, S., Mucha, A. *Bioorg. Med. Chem. Lett.*, **2016**, *26*, 4122–4126.

(3) Novel organophosphorus scaffolds of urease inhibitors obtained by substitution of Morita-Baylis-Hillman adducts with phosphorus nucleophiles.

Ntatsopoulos, V., Vassiliou, S.*, Macegoniuk, K., Berlicki, L., Mucha, A.* *Eur. J. Med. Chem.*, **2017**, *133*, 107-120.

(4) Structural exploration of cinnamate-based phosphonic acids as inhibitors of bacterial ureases. Ntatsopoulos, V., Macegoniuk, K., Mucha, A., Vassiliou, S.,* Berlicki, L.* *Eur. J. Med. Chem.*, **2018**, *159*, 307-316.

(5) A novel and efficient synthesis of 3,4-dihydroxyphenylacetic ester and amide derivatives/conjugates and assessment of their antioxidant activity.
Pagoni, A., and Vassiliou, S.* *Nat. Prod. Res.*, **2018**, *11*, 1267-1273.

(6) Catechol-based inhibitors of bacterial urease.

Pagoni, A., Daliani, T., Macegoniuk, K., Vassiliou, S.,* Berlicki, L.* *Bioorg. Med. Chem. Lett.*, **2019**, *29*, 1085–1089.

(7) Novel anti-Alzheimer phenol-lipoyl hybrids: Synthesis, physicochemical characterization, and biological evaluation.

Pagoni, A., Marinelli, L., Di Stefano, A., Ciulla, M., Turkez, H., Mardinoglu, A., Vassiliou, S.* , Cacciatore, I.* *Eur. J. Med. Chem.*, **2020**, *186*, 111880

Contact

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