

## Short Curriculum vitae

### Personal Information

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Name	Alexandros L. Zografos
Date of Birth	29 September 1973
Place of Birth	Athens, Greece
Professional Address	Aristotle University of Thessaloniki Department of Chemistry; University Campus, 54124 Thessaloniki, Greece
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### Education

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PhD (31-10-2001)	Study on the synthesis of $\beta$ -dicarbonyl heterocyclic derivatives; National Technical University of Athens, Department of Chemistry, Laboratory of Organic Chemistry, Athens, Greece; Prof. O. Igglessi-Markopoulou.
B.Sc in Chemistry (1996)	National and Capodistrian University of Athens, Department of Chemistry, Athens, Greece.

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### Employment record

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Dec. 2018-Today	Associate Professor, <i>Aristotle University of Thessaloniki</i> , Greece
Feb. 2019-May 2019	Visiting Professor, <i>Stanford University</i> , USA
Jun. 2013 – Dec. 2018	Assistant Professor, <i>Aristotle University of Thessaloniki</i> , Greece
Jun. 2008 - Sep. 2008	Visiting Professor, <i>Columbia University</i> , USA
Jun. 2008 - May 2012	Lecturer, <i>Aristotle University of Thessaloniki</i> , Greece
2007 - 2008	Senior Researcher, <i>NCSR Demokritos Institute</i> , Greece
2005 - 2006	Temporary Lecturer, <i>National Technical University of Athens</i> , Greece
2006-2007	Postdoctoral fellow, <i>Columbia University</i> , USA Advisor: Prof. S. A. Snyder
2005-2006	Postdoctoral fellow, <i>National and Capodistrian University of Athens</i> , Greece; Advisor: Prof. D. Georgiadis
2003-2004	Postdoctoral fellow, <i>The Scripps Research Institute</i> , USA, Advisor: Prof. P. S. Baran

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### Prizes and Awards

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1. Fulbright Award, May **2018**
  2. Academy of Athens Award, *Hildegard award*, December **2017** (awarded by the President of Greece)
  3. Young Investigator Award of the Year **2010** for Greece
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### Monographs-Book Chapters

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1. From Biosynthesis to Total Synthesis: Strategies and Tactics for Natural Product; Editor Alexandros L. Zografos; *Ed. J. Wiley & Sons Inc.* **2016**.
  2. *Heterocyclic Chemistry in Drug Discovery*; Editor: Jie Jack Li; Ed. *J. Wiley & Sons Inc. Publishing Group*; Chapter "Quinolines and Isoquinolines" published in **2013**.
  3. *Name Reactions on Heterocyclic Chemistry, Part 2*; Editor: Jie Jack Li; Ed. *J. Wiley & Sons Inc. Publishing Group*; Chapters 3.1 "Sommelet-Hauser rearrangement" and Chapter 7.3.1 "Lehmstedt-Tanasescu reaction" published in **2011**.
  4. A. Zografos, PhD Thesis "Study on the synthesis of  $\beta$ -dicarbonyl heterocyclic derivatives", National Technical University of Athens, **2000**.
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### Selected Publications (out of 38 research articles-h index=17; more than 1500 citations; 2 US patents)

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1. V. P. Demertzidou, S. Pappa, V. Sarli, A. L. Zografos "Regioselective ene-type allylic chlorination of electron rich alkenes by activated DMSO" *J. Org. Chem.* **2017**, *82*, 8710.
  2. E. E. Anagnostaki, V. Demertzidou, A. L. Zografos\* "Divergent Pathways to Furosesquiterpenes. First Total Syntheses of (+)-Zedoarol and (Rac)-Gweicurculactone" *Chem. Comm.* **2015**, *51*, 2364.
  3. E. Anagnostaki, A. Fotiadou, V. Demertzidou, A. Zografos\* "Palladium catalyzed C-3 arylation of 4-hydroxy-2-pyridones" *Chem. Comm.* **2014**, *50*, 6879.
  4. E. Anagnostaki, A. Zografos\* "A non-natural elemene as the stepping stone for the synthesis of germacrane and guaiane sesquiterpenes" *Org. Lett.* **2013**, *15*, 152.
  5. A. Fotiadou, A. Zografos\* "Electrocyclization of oxatrienes in the construction of structurally complex pyranopyridones" *Org. Lett.* **2012**, *14*, 5664.
  6. E. Anagnostaki, A. Zografos\* "Common synthetic scaffolds for the synthesis of structurally diverse natural products" *Chem. Soc. Rev.* **2012**, *41*, 5613.
  7. A. Fotiadou, A. Zografos\* "Accessing the structural diversity of pyridone alkaloids: Total synthesis of Rac-citridone A" *Org. Lett.* **2011**, *13*, 4592.
  8. A. Zografos, A. Yiotakis, D. Georgiadis, "Rapid access to the tricyclic core of abyssomicins" *Org. Lett.* **2005**, *7*, 4515.
  9. S. Snyder, S. Breezano, A. Ross, Y. Lin, A. Zografos, "Total Synthesis of Diverse Carbogenic Complexity within the Resveratrol Class from a Common Building Block" *J. Am. Chem. Soc.* **2009**, *131*, 1753.
  10. D. O' Malley, Ke Li, M. Maue, A. Zografos, P. Baran "Total Synthesis of pyrrole-imidazole alkaloids" *J. Am. Chem. Soc.* **2007**, *129*, 4762.
  11. P. Baran, D. O'Malley, A. Zografos, "Sceptrin as a biosynthetic precursor to complex pyrrole-imidazole alkaloids: The total synthesis of ageliferin" *Angew. Chem. Int. Ed.*, **2004**, *43*, 2674.
  12. P. Baran, A. Zografos, D. O'Malley, "Short total synthesis of sceptrin" *J. Am. Chem. Soc.* **2004**, *126*, 3726.
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### Participation in Research Programmes and Funding Sources

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2018-2021	OPENSREEN-GR – Program 'Competitiveness, Entrepreneurship and Innovation' (NSRF 2014-2020) and co-financed by Greece and the European Union (European Regional Development Fund)
2018-2021	SUGARFLOW-Collaboration with Pharmathen S.A (ΕΠAvEK 2014-2020) co-financed by Greece and the European Union (European Regional Development Fund)
2018-2019	Fulbright Visiting Scholar funding for sabbatical at Stanford University
2018-2019	SESQLIB-ELIDEK program
2017	Erasmus+ for visiting scholars
2012-2015	Pharmathen S.A. Unrestricted grant. Subject: Optimized synthetic protocols for APIs
2013-2014	Grant of Excellence on Basic Research, Research Committee of Aristotle University of Thessaloniki. Subject: Collective total synthesis of sesquiterpene libraries
2007-2008	Marie-Curie Fellow in research program "ExploRNA" (FP-6 Mobility)

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### Other Professional Positions

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2005-2009	Advisory board Association of Greek chemists
2002	Consultant at the Centre of Research and Technology of National Defense, Athens, Greece.
2002-2003	Lieutenant of Hellenic Army ( <b>mandatory military service for 24 months</b> )

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