



### Academic Personnel Short Profile / Short CV

<b>University:</b>	University of Nicosia
<b>Surname:</b>	Kokkaliari
<b>Name:</b>	Sofia
<b>Rank/Position:</b>	Unranked
<b>Faculty:</b>	Life and Health Sciences
<b>Department:</b>	Health Sciences
<b>Scientific Domain: *</b>	Pharmacy

*\* Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2020	University of South Florida	Chemistry	Chemical investigation of three Antarctic tunicates of the genus <i>Synoicum</i>
B.Sc	2014	National and Kapodistrian University of Athens	Pharmacy	



### Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
2025	Present	University of Nicosia	Nicosia, Cyprus	Unranked
2024	2025	University of Florida	Florida, USA	Researcher
2020	2024	University of Florida	Florida, USA	Post-Doctoral Associate

Key <u>refereed</u> journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2024	Isolation and Characterization of the Cyanobacterial Macrolide Glycoside Moorenaside, an Anti-Inflammatory Analogue of Aurisides Targeting the Keap1/Nrf2 Pathway	Al-Awadhi, F. H.; <b>Kokkaliari, S.</b> ; Ratnayake, R.; Paul, V. J.; Luesch, H.	Journal of Natural Products		
2	2024	Isolation, Structure Elucidation, and Biological Activity of the Selective TACR2 Antagonist Tumonolide and its Aldehyde from a Marine Cyanobacterium	<b>Kokkaliari, S.</b> ; Grauso, L. ; Mangoni, A. ; Seabra, G. ; Paul, V. J. ; Luesch, H.	Chemistry a European Journal	e2024 01393	
3	2024	Biosynthesis of Dolastatin 10 in Marine Cyanobacteria, a Prototype for Multiple Approved Cancer Drugs	Kallifidas, D. ; Dhakal, D. ; Chen, M. ; Chen, Q.-Y. ; <b>Kokkaliari, S.</b> ; Colon Rosa, N. A. ; Ratnayake, R. ; Bruner, S. D. ; Paul, V. J. ; Ding, Y. ; Luesch, H.	Organic Letters	26	1321-1325
4	2023	Heterologous production of the C33–C45 polyketide fragment of anticancer apratoxins in a cyanobacterial host	Dhakal, D. ; Kallifidas, D. ; Chen, M. ; <b>Kokkaliari, S.</b> ; Paul, V.J. ; Ding, Y. ; Luesch, H.	Organic Letters	25	2238-2242

5	2023	Isolation and biological activity of iezoside and iezoside B, SERCA inhibitors from Floridian marine cyanobacteria	<b>Kokkaliari, S.</b> ; Luo, D.; Paul, V.J.; Luesch, H.	Marine Drugs	21	378
6	2023	Biosynthesis of Lyngbyastatins 1 and 3, Cytotoxic depsipeptides from an <i>Okeania sp.</i> marine cyanobacterium	Dhakai, D. ; <b>Kokkaliari, S.</b> ; Rubin, G.M. ; Paul, V.J. ; Ding, Y. ; Luesch, H.	Journal of Natural Products	86	85-93
7	2022	Anti-inflammatory dysidazirine carboxylic acid from the marine cyanobacterium <i>Caldora sp.</i> collected from the reefs of Fort Lauderdale, Florida	Gunasekera, S.P. ; <b>Kokkaliari, S.</b> ; Ratnayake, R. ; Sauvage, T. ; dos Santos, L. A. H. ; Luesch, H. ; Paul, V. J.	Molecules	27	1717
8	2022	Australindolones, New aminopyrimidine substituted indolone alkaloids from an Antarctic tunicate <i>Synoicum sp.</i>	<b>Kokkaliari, S.</b> ; Pham, K. ; Shahbazi, N. ; Calcul, L. ; Wojtas, L. ; Wilson, N. G. ; Crawford, A. D. ; Baker, B. J.	Marine Drugs	20	196
9	2021	Marine natural products with bioactivity against neglected tropical diseases.	<b>Kokkaliari, S.</b> ; Avalon, N. E.; Herrera, K.; Young, R. M.; Welsch, J.; Yang, B.; Dietrick, S.; Baker, B. J.	Topics in Heterocyclic Chemistry, Springer, Singapore	58	209-251
10	2020	Uncovering the core microbiome and distribution of palmerolide in <i>Synoicum adareanum</i> across the Anvers Island Archipelago, Antarctica	Murray, A. E.; Avalon, N. E.; Bishop, L.; Davenport, K.W.; Delage, E.; Dichosa, A.E.K.; Eveillard, D.; Higham, M.L.; <b>Kokkaliari, S.</b> ; Lo, C.-C.; Riesenfeld, C. S.; Young, R.	Marine Drugs	18	298



			M.; Chain, P. S. G.; Baker, B. J.			
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Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	2022-2025	Integrative Multidisciplinary Discovery Platform to Unlock Marine Natural Product Therapeutic Opportunities	National Institute of General Medical Sciences	PostDoctoral Researcher
2	2020-2025	Novel Targeted Anticancer Agents from Marine Cyanobacteria	National Cancer Institute	PostDoctoral Researcher

\*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other



**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2024	Best Research Paper Award 2023	University of Florida
2	2020	Second place oral presentation	University of South Florida

**Other Achievements. List the five (5) more recent and other five (5) selected.  
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Key Activities:
1	2024	Marine Natural Products Gordon Research Conference (GRC) Power Hour	Co-organizer