



Short Curriculum Vitae: Aglaia Pappa

Current Position:	Associate Professor of Molecular Physiology
Undergraduate Education:	BSc Biology, Aristotle University of Thessaloniki
Post-graduate Education:	PhD in in Biological Chemistry/Pharmacology, Medical School, University of Ioannina, Greece Postdoctoral studies in Molecular Biology/Toxicology. School of Pharmacy, University of Colorado Health Sciences Center, Denver, Colorado, USA Postdoctoral studies in Molecular Pharmacology. Laboratory of Natural products, Center for Organic and Medicinal Chemistry, Research Triangle Institute (RTI), Research Triangle Park, North Carolina, USA
Areas of Interest	Molecular targets and mechanisms of action of natural-products bioactive compounds underlying health-promoting properties Mechanisms and signaling of cellular responses to oxidative stress Cell death pathways The role of aldehyde dehydrogenases in cell homeostasis and disease pathogenesis Development of novel approaches for the prevention and therapy of cancer (nanoparticle delivery systems, hyperthermia, probiotics)
Distinctions	Member of the Editorial Board of <i>Chemico-Biological Interactions</i> and <i>Toxicology Mechanisms and Methods</i> - Referee in scientific journals Grant Evaluator in National and International Study Section Panels
Current Funding	OPENSUREN-GR: "An Open-Access Research Infrastructure of Target-Based Screening Technologies and Chemical Biology for Human and Animal Health, Agriculture and Environment" (MIS 5002691), Action "Reinforcement of the Research and Innovation Infrastructure", funded by the Operational Programme "Competitiveness, Entrepreneurship and Innovation" (NSRF 2014-2020) and co-financed by Greece and the European Union. Total budget: 3,013,258 € Scientific Coordinator: Kletsas D, Institute of Biosciences and Applications National Centre for Scientific Research "Demokritos". HORIZON 2020 Funding Call. "Novel, Sustainable Marine Bio-surfactant/Bio-Emulsifiers for Commercial Exploitation" (Proposal MARISURE, Topic: BG-03- 2014, Call Identifier: H2020-BG-2014-2). Total budget: 5,000,000 € Scientific Coordinator: Prof. S. Euston, Heriot Watt University, School of Life Sciences, UK.
Representative publications (last 5 years)	Mitsiogianni M, Mantso T, Trafalis DT, Rupasinghe HPV, Zoumpourlis V, Franco R, Botaitis S, Pappa A , Panayiotidis MI. Allyl isothiocyanate regulates lysine acetylation and methylation marks in an experimental model of malignant melanoma. <i>Eur J Nutr</i> , 2019 doi: 10.1007/s00394-019-01925-6 Mitsiogianni M, Amery T, Franco R, Zoumpourlis V, Pappa A , Panayiotidis MI. From chemo-prevention to epigenetic regulation: The role of isothiocyanates in skin cancer prevention. <i>Pharmacol Ther</i> . 2018, 190:187-201. Fitsiou E, Mitropoulou G, Spyridopoulou K, Vamvakias M, Bardouki H, Galanis

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- Fitsiou E, Anastopoulos I, Chlichlia K, Galanis A, Kourkoutas I, Panayiotidis MI, **Pappa A**. Antioxidant and Antiproliferative Properties of the Essential Oils of *Satureja thymbra* and *Satureja parnassica* and their Major Constituents. *Anticancer Res*. 2016, 36(11):5757-5763.
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