Short Curriculum Vitae*: *Alex Galanis

Current Position:	Associate Professor of Molecular Biology Department of Molecular Biology and Genetics, Democritus University of Thrace, Alexandroupolis, Greece.
Undergraduate Education:	1994-1997. BSc in Genetics and Microbiology. University of Sheffield. UK
Post-graduate Education:	1997-2001. PhD in Biochemistry and Molecular Biology. Department of Biochemistry and Genetics, University of Newcastle upon Tyne. UK.
Areas of Interest	Natural products: Biological activities, Health promoting effects and application in functional foods. Probiotic bacteria: Molecular and cellular mechanisms of action, application in functional foods.
Distinctions	• Referee in 21 International peer-review scientific journals • Supervisor in 5 PhD, in 6 MSc and 35 BSc theses, Advisory committee member in 10 PhD theses • Evaluator of National and International grant proposals
Funding	• **2015-2020** European Commission - HORIZON 2020 - research and innovation framework program. Call **BG-3**-2014: Novel marine derived biomolecules and industrial biomaterials. Action acronym: MARISURF. Action full title: "NOVEL, SUSTAINABLE MARINE BIO-SURFACTANT / BIO-EMULSIFIERS FOR COMMERCIAL EXPLOITATION". **Total Budget 4.749.647,00€** • **2014-2020** Infrastructure for the analysis of next generation genomic data. ELIXIR-GR: Hellenic Research Infrastructure for the Management and Analysis of Data from the Biological Sciences of Data from the Biological Sciences. Operational Programme Competitiveness, Entrepreneurship and Innovation (EPAnEK). **Total Budget 3.991.100,00€** • **2014-2020** OPENSCREEN-GR: An Open-Access Research Infrastructure of Target-Based Screening Technologies and Chemical Biology for Human and Animal Health, Agriculture and Environment. Operational Program Competitiveness, Entrepreneurship and Innovation (EPAnEK). **Total Budget 3.999.983,00€** • **2013-2015** Cooperation 2011 – NSRF 2007-2013: «Novel functional foods containing bioactive essential oils from Greek endemic species with health promoting properties. **Total Budget 1.184.000€.** • **2013-2015** Cooperation 2011 – NSRF 2007-2013 «Functional dairy and meat products with high added value fermented or enr iched with new probiotic microorganisms isolated from Greek traditional pro ducts». **Total Budget 1.600.000€.** • **2012-2014** Greece-China Bilateral Cooperation: «Bee-based natural products as potential cosmeceutical agents with health promoting properties

against UV-induced skin photo-ageing». **Total Budget 500.000€.**

Representative publications

1. Fitsiou, E., et al. Chemical composition and evaluation of the biological properties of the essential oil of the dietary phytochemical *Lippia citriodora*. (**2018**) Molecules 23, 123.
2. Spyridopoulou, K., et al. Dietary mastic oil extracted from Pistacia lentiscus var. chia suppresses tumor growth in experimental colon cancer models (**2017**) Scientific Reports 7, 3782.
3. Fitsiou, E., et al. Antioxidant and antiproliferative properties of the essential oils of Satureja thymbra and Satureja parnassica and their major constituents (**2016**) Anticancer Research, 36 (11), 5757-5763.
4. Saxami, G., et al. Potentially probiotic Lactobacillus strains with anti-proliferative activity induce cytokine/chemokine production and neutrophil recruitment in mice (**2017**) Beneficial Microbes, 8, 615-623.
5. Fitsiou, E., et al. Phytochemical profile and evaluation of the biological activities of essential oils derived from the greek aromatic plant species Ocimum basilicum, Mentha spicata, Pimpinella anisum and Fortunella margarita (**2016**) Molecules, 21 (8), art. no. 1069.
6. Saxami, G., et al. Two potential probiotic lactobacillus strains isolated from olive microbiota exhibit adhesion and anti-proliferative effects in cancer cell lines (**2016**) Journal of Functional Foods, 24, 461-471.
7. Tiptiri-Kourpeti, A., et al. Lactobacillus casei exerts anti-proliferative effects accompanied by apoptotic cell death and up-regulation of TRAIL in colon carcinoma cells (**2016**) PLoS ONE, 11 (2), art. no. e0147960
8. Voulgaridou, G.-P., et al. Aldehyde dehydrogenase 3A1 promotes multi-modality resistance and alters gene expression profile in human breast adenocarcinoma MCF-7 cells (**2016**) Intern. Journal of Biochemistry and Cell Biology, 77, 120-128.
9. **Galanis, A**., et al. Detection and identification of probiotic Lactobacillus plantarum strains by multiplex PCR using RAPD-derived primers (**2015**) International Journal of Molecular Sciences, 16 (10), 25141-25153.
10. Mantzourani, I., et al. Study of kefir grains application in sourdough bread regarding rope spoilage caused by Bacillus spp. (**2014**) Food Chemistry, 143, 17-21.