

PERSONAL INFORMATION

SURNAME: NIDRIS

NAME: VASILEIOS

DATE OF BIRTH: 16.05.1995

PLACE OF RESIDENCE: HERAKLEION

e-mail: nvasilis95@gmail.com

TEL.: 6940856160

EDUCATION

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- 09/2018-09/2020** University of Crete, School of Medicine, Postgraduate Program of Molecular basis of human disease/ Master thesis at Clinical Microbiology lab investigating the molecular mechanisms of antifungal immunity in human serum/ Degree: 9.59
- 09/2013-07/2018** Biology degree/ University of Crete in biology department with specialization in Molecular Biology. / Bachelor thesis in clinical biochemistry lab in transcriptomic analysis for identification of genes related to Metabolic syndrome/ Degree: 7.5

RESEARCH/WORKING EXPERIENCE

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- 11.2020 -** **PhD student**
Title: Molecular mechanisms of free fatty acid activity in antifungal host defense
PhD student in clinical Microbiology Lab under the supervision of Dr. George Chamilos, Professor, Head of Clinical Microbiology and Microbial Pathogenesis Lab, School of Medicine, UoC
- 09/2018-09/2020** **Master student**
Master thesis: "Exploring molecular mechanisms of antifungal activity of human serum" under the supervision of the Dr. George Chamilos,, Professor, Head of Clinical Microbiology and Microbial Pathogenesis Lab, School of Medicine, UoC
- 05/2019-07/2019** **Rotations for the MSc program of Molecular Basis of Human Diseases at UOC school of medicine**
Host defense laboratory, School of Medicine, UoC under the supervision of Dr. George Chamilos
- 08/2019- 10/2019** **Rotations for the MSc program of Molecular Basis of Human Diseases at UOC school of medicine**
Laboratory of cellular Developmental Biology and Biology of Ageing under the supervision of professor George Garinis, professor at UOC biology department
- 06/2017-07/2018** **Bachelor Thesis**
Title: Transcriptomic analysis to identify genes related to metabolic Syndrome, under the supervision of professor Dimitris Kardassis, professor of Biochemistry, Department of Basic sciences at University of Crete Medical school

PUBLICATIONS

Significant changes in hepatic transcriptome and circulating miRNAs are associated with diet-induced metabolic syndrome in apoE3L.CETP mice, Dimitris Nasias, Ioannis Evangelakos, Vasilis Nidris, Despoina Vassou , Erika Tarasco , Thomas A. Lutz, Dimitris Kardassis, J. Cell Physiology, , Nov;234(11):20485-20500. ,2019, doi:10.1002/jcp.28649.3
(<https://onlinelibrary.wiley.com/doi/abs/10.1002/jcp.28649>)

CONFERENCES/WORKSHOPS/etc.

Poster presentation: European Atherosclerosis Society Congress, with poster title: Significant metabolic changes in the livers of apoE3-Leiden.CETP mice in response to a high fat diet. Dimitris Nasias, Vasilis Nidris, Dimitris Kardassis. 5-8 May, EAS 2018, Lisbon, Portuguese

Poster presentation: Hepatic transcriptomic signatures in a mouse model of the metabolic syndrome. Dimitris Nasias, Ioannis Evangelakos, Vasilis Nidris, Dimitris Kardassis. 13-14 October, IMBB Retreat 2017, Heraklion, Greece.

FOREIGN LANGUAGEES

English C2: Certificate of Proficiency in English from the University of Michigan

German B1 Goethe- Zertificat B1 Zertifikat aus Deutch

RESEARCH GRANTS

Project Title	Funding source	Period	Role
PHAGO-FUN in Sepsis - Delineating molecular mechanisms of PHAGOsome dysFUNCTION underlying Sepsis Immunosuppression: A Roadmap to Personalized Medicine in Sepsis	ELIDEK	01/02/2021-31/01/2022	PhD student

SCIENTIFIC EXPERIENCE

Laboratory techniques

Molecular Biology

- DNA extraction from mice tails
 - DNA PCR
 - Primers design for real-time PCR
 - Primer Blast(NCBI),
 - Primer Select (έκδοση 7.00)
 - cDNA synthesis
 - Quantitative Real-time PCR
 - Ct method ($\Delta\Delta C_t$ method)
 - Data mining for the analysis of transcriptomics data
 - NCBI/ Literature mining
 - Biological Functions through Ingenuity Pathway Analysis Software (IPA)
 - Use of genome browsers (NCBI, GeneCards Human gene database)
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- RNA extraction from cells and tissues Trizol/chloroform protocol
 - Protein isolation
 - Western blot
 - Isolation and/or depletion of albumin from human using affinity column chromatography (blue sepharose)

Cellular Biology

- Tissue culture
- Fungi culture
- Oil red O staining
- Immunofluorescence
- Fluorescent microscopy
- Confocal Microscopy

Animal Models

- Tissue isolation from mice
- Experience with animal handling
- Blood collection from mice hart
- Intratracheal infection of mice
- Isolation of primary macrophages

Hobbies: Basketball and Volleyball

