



PERSONAL INFORMATION

Foivos Sokratis Lazaris



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Sex Male | Date of birth 16/06/1995 | Nationality Greek

ACADEMIC EXPERIENCE

17/09/2021 – Current

PhD Student

Francisco Corzana López, Professor

Departamento de Química, Universidad de La Rioja, Grupo de Síntesis Química de La Rioja, U.A.-C.S.I.C. – C. Madre de Dios 53, 26006, Logroño, La Rioja, Spain

01/11/2019 – 01/09/2021

Research Assistant

Anastasios Gaitanis, Research Scientist, Associate Professor Level B

Preclinical PET/ CT unit, Center of Clinical Research, Experimental Surgery and Translational Research, Biomedical Research Foundation of the Academy of Athens (BRFAA) – Soranou Effessiou 4, 11527, Athens, Attica, Greece

- Worked in the research project (also subject of my MSc thesis): “Standardization of texture analysis using IQ phantom under preclinical PET imaging”.
- Techniques used: IQ phantom preparation for Positron Emission Tomography (PET)/ Computed Tomography (CT), small animal PET/ CT, medical image analysis – texture feature extraction using LIFEx (medical software), statistical and data analysis, reading of preclinical (mice) PET/CT images.
- Teaching Experience: Tutored two MSc students of the same MSc programme that joined the lab later than me and taught them how to use the LIFEx medical analysis software for performing image analysis and MATLAB 2019 for making graphs & plots and performing statistical analysis.

01/02/2018 – 01/08/2019

Research Assistant

Maria Gazouli, Associate Professor

Lab of Biology, Medical School, National and Kapodistrian University of Athens – Mixalakovoulou 176, 11527, Athens, Attica, Greece

- Worked in the research project: “Long non-coding RNA polymorphisms and prediction of response to chemotherapy based on irinotecan in patients with metastatic colorectal cancer”.
- Worked in the research project (also subject of my pre-graduate dissertation): “In vitro effect of hyperthermic Fe<sub>3</sub>O<sub>4</sub>-coreAg(Au)<sub>shell</sub> nanoparticles in cancer cell cultures”.
- Performed biochemical diagnostics tests (allele specific PCR for SNP identification in patients, PCR-RFLP for HPV tests, ELISA) – as part of the daily lab routine.
- Techniques used: cell culturing, MTT assay, MTS assay, RNA extraction, real-time quantitative Reverse Transcription PCR, hyperthermia, deparaffinization, DNA isolation, DNA extraction, confocal microscopy (cell counting – Neubauer), allele specific PCR, PCR-RFLP, ELISA.
- Teaching Experience: Tutored two BSc students, one was an Erasmus+ student from the Cardiff University (BSc undergraduate in Biomedical Sciences) and the other one was an international student from the Glasgow University (BSc undergraduate in Biomedical Sciences). I taught them how to perform basic cell culturing techniques, PCR, PCR-RFLP, gel electrophoresis, ELISA, and cytotoxicity assays. Also, I demonstrated basic molecular biology and cell culturing techniques to undergraduate students and high school students, interested in pursuing a BSc degree in Biology.

04/07/2016 – 04/09/2016

**Job Placement – Research Assistant**

Athanasios G. Papabasileiou, Professor

Lab of Biologic Chemistry, National and Kapodistrian University of Athens – Medical School Campus, Mikras Asias 75, Goudi, Athens, Attica, 11527

- Worked in the research project: "Study of intracellular signalling in human osteosarcoma".

**EDUCATION AND TRAINING**

17/09/2021 – Current

**Ph.D. in Organic Chemistry**

Departamento de Química, Facultad de Ciencia y Tecnología, Universidad de La Rioja

 Part of the **H2020-MSCA-ITN-ETN-DIRNANO consortium**; project no 956544, entitled: "Directing the immune response through designed nanomaterials".

20/09/2021 – 01/10/2021

**FELASA accredited course on Laboratory Animal Science**

Modules A, B+, C, D+

Certificate ID: 056/16\_211001

School of Medicine, School of Health Sciences, National and Kapodistrian University of Athens

01/09/2019 – 23/09/2020

**M.Sc. in Nanomedicine**
*Interdisciplinary Postgraduate Programme*

School of Medicine, School of Health Sciences, National and Kapodistrian University of Athens

08/01/2014 – 17/07/2019

**B.Sc. in Biology**

Department of Biology, School of Exact Sciences, National and Kapodistrian University of Athens

09/2010 – 06/2013

**Lyceum**

 2<sup>nd</sup> General Lyceum of Corfu, Corfu, Greece, 49100

**OTHER SKILLS**

Mother tongue

Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
EDEXCEL LEVEL 3 CERTIFICATE IN ESOL INTERNATIONAL (CEF C2) – PTE IELTS band 8.0 (16/09/2021)					
German	B1	B1	B1	B1	B1
Goethe Institut – Goethe Zertifikat B1					

Honours &amp; Awards

**H2020/Marie Skłodowska-Curie Actions - Doctoral Fellowship**

Issuer: European Commission

H2020/Marie Skłodowska-Curie Actions

Grant Agreement number: 956544 — DIRNANO — H2020-MSCA-ITN-2020.

Digital Skills	Microsoft Excel / Microsoft Powerpoint / Microsoft Word / MATLAB / LIFEx / Advance knowledge of scientific databases (PubMed, Uniprot, PubChem, PDB, PROSITE, OMIM, Ensembl) / NCBI Blast GenBank / Multiple Sequence Alignment using CLUSTALW / SCOPUS / CATH / Zoom
Presentations	<ul style="list-style-type: none"> <li>• 09/02/2020 – Participated in HealthEXPO 2020 as a speaker with the project presentation: “Quantum Biology and Future Perspectives”.</li> <li>• 19/11/2021 – Review meeting of the DIRNANO project, introductory presentation: “Developing MUC1 in an ideal cancer antigen”.</li> </ul>
Publications	<ul style="list-style-type: none"> <li>• <i>Long non-coding RNA polymorphisms and prediction of response to chemotherapy based on irinotecan in patients with metastatic colorectal cancer.</i> – Cancer Biomarkers, 2019. <b>Contributions:</b> conducted the experiments &amp; wrote a small section of the article.</li> <li>• <i>In vitro effect of hyperthermic Ag and Au Fe<sub>3</sub>O<sub>4</sub> nanoparticles in cancer cells.</i> – Official Journal of the Balkan Union of Oncology, 2020. <b>Contributions:</b> conducted the experiments.</li> <li>• <i>Standardization of texture analysis using IQ phantom under preclinical PET imaging.</i> – Institutional Repository/Digital Library of the University of Athens, 2020. <b>Contributions:</b> conducted the experiments &amp; wrote the manuscript.</li> </ul>
Science Communication	<i>Science is Wonderful! 2021</i> – Communicated current updates and future perspectives of nano-vaccines and nano-formulated pharmaceutical products in the cancer management and treatment in high school students.
Scientific Societies	<p><u><a href="#">Real Sociedad Española de Química</a></u> 14/02/2022 – Present <b>Membership:</b> Standard Member <i>Grupos:</i> Grupo Español de Química Biológica, Grupo Español de Química Orgánica</p> <p><u><a href="#">DIRNANO: “Directing the immune response through designed nanomaterials”</a></u> 17/09/2021 – Present</p>
Driving Licenses	<p>A – Valid: 21/07/21 – 21/07/36 B – Valid: 29/08/13 – 29/08/28</p>