

KYRIAKOS VIDALIS

Edinburgh, Scotland
+30 693 661 3660
kiriakosvidalis@gmail.com

Skills

TECHNICAL

MS Office
Interpreting lab data
Data handling
Excel/Spreadsheets
Statistical/Probability analysis
R-studio
Python
ImageJ
Bioinformatic skills
Panther DB
String network
PCR/ RT-PCR
Eukaryotic cell culture
Prokaryotic cell culture
Gene modification
Gene cloning
Protein overexpression vector
Exopolysaccharide quantification
Antibiotic susceptibility assay
CRISPR/Cas9 utilization
Immunoprecipitation techniques
Biofilm quantification
Staining

PROFESSIONAL

Experienced in working in teams
Analytical thinker
Skilled at forming research questions
Expert at conducting research
Productive under pressure
Numerical reasoning
Efficient multitasker
Problem solver
Leadership skills
Presentation skills
Highly organized

LANGUAGES

Greek (Native)
English (Proficient)

EDUCATION

University of Edinburgh – Edinburgh, Scotland

PhD with Integrated Study in Precision Medicine

Sep 2021 – Present

Research thesis: Analysis of AraC-type transcriptional regulators for the development of small inhibitory molecules.

- Creating Genetically Modified Organisms (GMO) to identify protein functionality.
- Constructing regulatory networks through Next Generation Sequencing techniques (Chromatin immunoprecipitation assay-sequencing)
- Automating procedures regarding statistical and biological processes
- Supervising and tutoring MSc students, stimulating discussion and reflexion

MSc by Research in Infectious Diseases

Sep 2019 – Aug 2021

Class Honours

Research Thesis: Description of the dual regulatory function two-component system CrrAB in colistin resistance and capsule production.

BSc (Hons) in Biomedical Sciences

Sep 2015 – Aug 2019

Specialization in Infectious Diseases, Second Class Honours

Research Thesis: Analysis of colistin (polymyxin E) pathways in *Klebsiella pneumoniae*

Doukas School – Athens, Greece

Apr 2014 – Dec 2019

International Baccalaureate

Overall Score 37/45

WORK EXPERIENCE

VIANEX S.A. – Athens, Greece

May 2018 – Sep 2018

Quality Control for Medicine Production

- Maintained a clear understanding and working knowledge of GMP/GLP requirements, Safety requirements, test methods and SOP's
- Supported sampling and testing for cleaning, process, and method validation
- Assessed medicine and environment for fungal, bacterial, and viral contamination
- Performed instrument calibration and routine equipment maintenance

Attiko University Hospital – Athens, Greece

Jun 2017 – Aug 2017

Internship, Microbiology Department

- Maintained a clear understanding and working knowledge of GMP/GLP requirements, Safety requirements, test methods and SOP's
- Processed microbiology cultures, respiratory, wounds, urines, and blood cultures
- Operated BD Max (PCR), ELISA, and VITEK instruments
- Conveyed positive micro reports to nurse and doctors from different hospitals

PUBLICATIONS

CrrB Histidine-Kinase Drives Capsule Production in *Klebsiella pneumoniae* (2021)
Juan-Carlos Jiménez-Castellanos, Kyriakos Vidalis, & Thamarai Schneiders, *Mbio Journal*. (Unpublished)

CrrAB-dependent capsule formation in *K.pneumoniae* (2020). Msc Thesis. Kyriakos Vidalis

Meta-analysis of phenotypes derived from clinically relevant CrrAB mutations. (Unpublished)

ACTIVITIES

Edinburgh Mathematical Society, Member

Sep 2016 – Dec 2019

The principal society for the mathematical sciences community in Scotland.