

Christos Papadopoulos

Heraklion, Greece

(+30) 695 571 5696

xristospapadopoulos98@gmail.com

LinkedIn

RESEARCH EXPERIENCE

MSc Thesis

Laboratory of Biophysical Chemistry, Department of Chemistry, University of Crete (Sep 2022 – present)

“Combining Drug Design with Protein Dynamics for the development of novel anti-inflammatory compounds targeting human 15-Lipoxygenase-1”

- Single-molecule Forster Resonance Energy Transfer
- Small-molecule Drug Design
- Protein Expression, Purification and Labeling
- Enzyme Inhibition/Kinetic Studies
- Mass Spectrometry-Based Proteomics (nLC-MS/MS)
- Site-directed mutagenesis
- Molecular Modeling
- Circular Dichroism

Erasmus+ Traineeship

Department of Medicinal Chemistry, STEBICEF, University of Palermo (May 2022 – Aug 2022)

“Synthesis, purification and biological evaluation of novel imidazo[2,1-b][1,3,4]thiadiazole lead compounds as anticancer and anti-biofilm agents”

- Organic Chemical Synthesis
- Structure-Activity Relationship analysis
- Chromatographic Techniques
- NMR, MS and IR analyses

BSc Thesis

Department of Medicinal Chemistry, School of Pharmacy, Aristotle University of Thessaloniki (Mar 2020)

“Zika Virus and drug candidates against ZIKV infection”

- Organic Chemical Synthesis
- Structure-Activity Relationship analysis

EDUCATION

MSc in Chemistry | University of Crete (Sep 2022 – present)

BSc in Pharmacy | Aristotle University of Thessaloniki (Oct 2016 – Mar 2022) | GPA 8,35/10

SCHOLARSHIPS

Nursery of Ideas | Support for academic innovation and entrepreneurship, an action of the Observatory of Innovative Entrepreneurship of the Region of Crete

State Scholarships Foundation (IKY) | Financial support for Academic Excellence of students belonging to Vulnerable Social Groups, ac. year 2019-2020

TOOLS AND OTHER SKILLS

- GraphPad Prism
- Microsoft Excel
- Proteome Discoverer
- Geneious
- MOE
- PyMOL
- Collaborative
- Goal-Oriented
- Adaptable
- Passionate
- Inquisitive
- License to practice Pharmacy