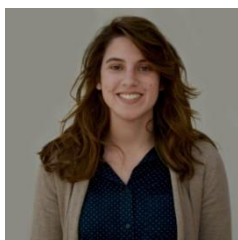


PERSONAL INFORMATION



 Amynta 15, Athens, 11635, Greece
 +30 2107274198  +30 6908756462
 ppapakyr@pharm.uoa.gr

Sex Female | Date of birth 04/06/1996 | Nationality Greek

WORK EXPERIENCE

- | | |
|--|--|
| Jan 2024 – now | Postdoctoral Researcher
Department of Pharmacy, National and Kapodistrian University of Athens
<ul style="list-style-type: none"> “Development and evaluation of pharmaceutical formulations for the nasal administration of calcium channel blockers targeting cardiac action” |
| Apr 2024 – now | Postdoctoral Researcher
Unit of Process Control and Informatics, School of Chemical Engineering, National Technical University of Athens
<ul style="list-style-type: none"> Development of physiologically based biokinetic models within the framework of the European project CHIASMA HORIZON-CL4-2023-RESILIENCE-01 (Project: 101137613, https://chiasma-project.eu/) |
| Sep 2024 – Nov 2025 | Postdoctoral Researcher
Department of Medicine, National and Kapodistrian University of Athens
<ul style="list-style-type: none"> “Flagship Action PRO-sCAP: Holistic molecular approach to the mechanisms of immune-mediated injury in patients with severe pneumonia, aiming at the development of personalized biomarkers and innovative models for the prognosis and prevention of complications” (TAEDR-0541976, https://precision-medicine-cap.gr/en/) |
| Mar 2025 – Aug 2025
Mar 2024 – Aug 2024 | Adjunct Lecturer
Laboratory of Biopharmaceutics and Pharmacokinetics, Department of Pharmacy, National and Kapodistrian University of Athens |
| Jan 2022 – Oct 2022 | Visiting Doctoral Researcher
School of Medicine, Trinity College Dublin (4 months funded, Erasmus Traineeship Program for PhD students) |
| Jun 2021 – Sep 2021 | Teaching Assistant
Laboratory of Biopharmaceutics and Pharmacokinetics, Department of Pharmacy, National and Kapodistrian University of Athens |
| Oct 2019 – Feb 2020 | Visiting Researcher
Department of Life Sciences and Biotechnology, University of Ferrara
<ul style="list-style-type: none"> 4 months funded, Erasmus Traineeship Program for Recent Graduates |

EDUCATION AND TRAINING

- | | |
|---------------------|--|
| Jan 2020 – Oct 2023 | PhD at the School of Pharmacy of the University of Athens on Biopharmaceutics and Pharmacokinetics
“Development and In vitro/ In vivo Evaluation of Nasal Films as Nose-to-Brain Delivery Systems in Neurodegenerative Diseases”
<ul style="list-style-type: none"> Grade: Excellent |
| Nov 2021 | License of Pharmaceutical Profession |

- Ministry of Health, Athens, Greece
- Oct 2014 – Jul 2019 **Pharmacy Degree**
Department of Pharmacy, National and Kapodistrian University of Athens
- Grade: 8.54/10.00 (Excellent)
- Apr 2019 – Jul 2019 **Pharmacy Internship**
Korgialenio-Benakeio General Hospital, Hellenic Red Cross (G.N.A. – E.E.S.)
- Part of the required traineeship for the Pharmacy Degree (National and Kapodistrian University of Athens)
- Jul 2018 – Mar 2019 **Pharmacy Internship**
Theodora Ermidou Pharmacy, 223 Mesogeion Ave., Athens, Greece
- Part of the required traineeship for the Pharmacy Degree (National and Kapodistrian University of Athens)

PERSONAL SKILLS

Mother tongue(s)

Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Certificate of Proficiency in English (University of Michigan)					
French	C2	C2	C2	C2	C2
Certificate Pratique de Langue Française, C2 Level (Université Paris-Sorbonne)					

Communication skills

- Excellent scientific communication skills developed through oral presentations at international conferences (AAPS, PAGE, OpenTox, EUROTOX) and invited lectures in MSc programs (NKUA, Trinity College Dublin).
- Strong interdisciplinary communication skills acquired through collaboration with clinicians, chemists, engineers, and pharmacologists in European research projects (CHIASMA, SABYDOMA, PRO-sCAP).
- Academic teaching communication skills developed as Adjunct Lecturer and Teaching Fellow in undergraduate and postgraduate courses in Pharmacokinetics, Clinical Pharmacology, and Drug Development.
- Experience in supervision and mentoring of MSc students (Trinity College Dublin & NKUA), including business model development and translational research guidance.

Organisational / managerial skills

- Coordination and governance experience as Member of the Coordinating Committee of the CIVIS Joint Master Programme “Drug Development: from Natural Products to Formulations and Applications (NAT4DD)”.
- Supervision of 32 undergraduate and postgraduate thesis students in the Laboratory of Biopharmaceutics and Pharmacokinetics (2019–present).
- Editorial management experience as Guest Editor (MDPI Special Issues) and Book Editor (Springer Neuromethods series)

Job-related skills

- Design, development and evaluation of advanced drug delivery systems (nasal films, powders, cyclodextrin complexes, pulmonary formulations)
- In vitro, ex vivo and in vivo pharmacokinetic/pharmacodynamic study design and implementation.
- Clinical pharmacokinetics and therapeutic drug monitoring within clinical research settings.
- Physiologically-Based Pharmacokinetic (PBPK) modeling and simulation (preclinical and clinical).

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Other skills

- Advanced use of pharmacokinetic and modeling software (Phoenix WinNonlin, Monolix, R programming for PBPK modeling).
- Statistical analysis software (IBM SPSS Statistics, GraphPad Prism).
- Design of Experiments software (Design Expert).
- 3D modeling software (Autodesk Fusion 360) for personalized nasal devices.
- Confocal microscopy software (LAS X).
- Advanced use of Microsoft Office Suite (Word, Excel, PowerPoint) for academic writing, data analysis, and teaching material preparation.

ADDITIONAL INFORMATION

Publications

- 35 peer-reviewed publications in international journals (International Journal of Pharmaceutics, Pharmaceutics, Molecular Neurobiology, Journal of Antimicrobial Chemotherapy, Expert Opinion on Drug Delivery, etc.)
https://scholar.google.com/citations?hl=el&user=uqxt2AAAAAJ&view_op=list_works&sortby=pubdate
- 1 Book Chapter (Jenny Stanford Publishing, Taylor & Francis Group , 2023)
<https://www.taylorfrancis.com/chapters/edit/10.1201/9781003411468-2/cyclodextrins-drug-development-challenging-multifunctional-excipients-paraskevi-papakyriakopoulou-konstantina-manta-eirini-christodoulou>

Presentations

- 6 Oral presentations at international and national scientific conferences (AAPS, PAGE, OpenTox, EUROTOX, Panhellenic Congresses).
- 15+ poster presentations at international meetings.

Projects

- Horizon Europe Project CHIASMA (PBK modeling of PFAS) (Postdoctoral Researcher).
- Horizon 2020 Project SABYDOMA (Safe-by-Design nanomaterials) (Postdoctoral Researcher).
- Flagship Action PRO-sCAP (Precision Medicine in severe pneumonia) (Postdoctoral Researcher).
- Nose-to-heart delivery for acute ventricular tachycardia (N-CARDIA, H.F.R.I.) (Principal Investigator).

Conferences

- Participation in:
- AAPS PharmSci 360
 - Population Approach Group Europe (PAGE)
 - OpenTox
 - EUROTOX
 - Panhellenic Pharmaceutical Congress

Honours and awards

- Best Abstract Award – American Association of Pharmaceutical Scientists (AAPS), 2022.
- Best Poster Award – 20th Panhellenic Pharmaceutical Congress, 2023.
- Hellenic Foundation for Research & Innovation (H.F.R.I.) PhD Scholarship (26 months).
- Erasmus+ mobility scholarships (Trinity College Dublin, University of Ferrara, University of Cyprus).

Memberships

- Member, CIVIS Joint Master Coordinating Committee (NAT4DD).
- Member, AAPS, American Association of Pharmaceutical Scientists
- Member (former Secretary General), Greek Pharmaceutical Students' Federation (GPSF)

Patents

- Granted National and European Patent (HIPO & WIPO) – Polymeric micro/nanofibers formulation (2022–2024).
- 2 European Patent Applications (EPO) in collaboration with NKUA & Trinity College Dublin.

Citations and h-index
(Google scholar)

728 citations, h-index = 12

Courses & Certifications

- Laboratory Animal Science (FELASA accredited).
- Irish Legal Module – LAST Ireland.
- Basic Life Support (ERC).