

Academic Personnel Short Profile / Short CV

University:	UNIC Athens
Surname:	Douroumis
Name:	Dionysis (Dennis) Douroumis
Rank/Position:	Director of the School of Life and Health Sciences
Faculty:	School of Life and Health Sciences
Department:	Department of Life Sciences
Scientific Domain: *	Pharmaceutical Technology and Process Engineering

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Postgraduate Certificate in Higher Education (PGCert)	2008	University of Greenwich	School of Science	
PhD	2000	University of Patras	Pharmacy	
BSc	1996	University of Patras	Chemistry	

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
2007	2025	University of Greenwich	Medway Campus, Chatham, Kent	Professor
2005	2007	Phoqus Pharmaceutical Ltd.	King's Hill, Kent	Team Leader
2004	2005	Biolitec GmbH	Jena, Germany	Team Leader

Key <u>refereed</u> journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2026	3D Bioprinted Alginate-Gelatin-Collagen Based Hydrogels Laden With Fibroblast and Keratinocyte Cells Show Potential for Regeneration of Injured Skin	Boateng J, Hafezi F, Shorter S, Tabriz AG, Douroumis D.	Macromol Biosci. 26(9):e70253		
2	2026	Novel Hybrid Polymer-Lipid-Based Formulations for Enhanced Dissolution Rates of Poorly Water-Soluble Drugs: A Quality by Design (QbD) Approach via Hot Melt Extrusion	Kolipaka SS, Junqueira LA, Garg V, Bhatt S, Trivedi V, Douroumis D.	AAPS PharmSciTech. 27(7):267		
3	2026	HME as a transformative platform in pharmaceuticals: from molecular dispersion engineering to personalized drug delivery	Kolipaka SS, Tabriz AG, Garg V, Trivedi V, Douroumis D.	Int J Pharm. 701:127161		
4	2026	3D polyurethane vaginal rings for the delivery of steroid hormones using material extrusion additive manufacturing	Junqueira LA, Tabriz AG, Koltsakidis S, Tzetzis D, Raposo FJ, Douroumis D, Fernandes Brandão MA, Barbosa Raposo NR.	Int J Pharm. 699:127004		
5	2026	Preclinical development of a 3D-printed hollow microneedle platform for intradermal delivery of antioxidant-loaded nanocarriers	Basto R, Junqueira LA, Tabriz AG, Douroumis D, Pereira-Leite C, Rosado C, Lima SAC, Reis S.	Int J Pharm. 699:126970		
6	2026	Semi-solid extrusion 3D printing of milk formula-based	Chachlioutaki K, Chatzis Z, Bouropoulos N, Zampouni K, Moschakis T, Douroumis	J Pharm Sci. 115(6):104293		

		paediatric chewable dosage forms	D, Fatouros DG, Karavasili C.			
7	2026	Preparation of Felodipine-PEG Solid Dispersions by Solvent-Free scCO ₂ Processing and Their Translation into Orally Disintegrating Tablets	Kolipaka SS, Junqueira LA, Pathrapankal EJ, Douroumis D, Trivedi V.	ACS Omega. 2026 11(7):12766-12778		
8	2026	Continuous manufacturing of 3D-printed chewable pediatric gummies by coupling hot melt extrusion with direct extrusion additive manufacturing	Kolipaka SS, Junqueira LA, Garg V, Trivedi V, Douroumis D	Expert Opin Drug Deliv. 23(6):1119-1131		
9	2026	Engineering micro- and nanosized pharmaceutical salt crystals using high-pressure homogenization	Hossein Mithu MS, Bhatt S, Garg V, Trivedi V, Douroumis D	Int J Pharm. 692:12664		
10	2026	Microfluidic assembly and biomimetic lipid coating modulate the structure, stability, and biological interactions of P(DMAEMA-co-SMA)/DNA lipopolyplexes	Tsichlis I, Vardaxi A, Gomez T, Athanasaki A, Forys A, Trzebicka B, Richardson SCW, Chrissopoulou K, Anastasiadis SH, Pispas S, Douroumis D, Demetzos C.	Int J Biol Macromol. 346:150678		

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)					
Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	2026	7 th International symposium on chaos and complex systems	Local	Athens	Presenter
2	2026	15 th World Meeting on Pharmaceutics Biopharmaceutics and Pharmaceutical Technology	International	Prague	Presenter
3	2026	Making Pharmaceuticals and Distributing Pharmaceuticals	International	Coventry, UK	Presenter
4	2026	2 nd international online conference on functional biomaterials	International	China	Presenter

5	2025	7 th Panhellenic Conference: Clinical studies and research	Local	Athens	Presenter
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**Specify venue, geographic location etc*

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	2022	3D Print-on-demand technology for personalized medicine at the point of care	INNOVATE UK	Principal Investigator
2	2022	3D Printing Technologies at the point of care	Bristol Myers Squibb	Principal Investigator
3	2022	European Network for Skin Engineering and Modeling	COST Action 21108	MC representative
4	2019	Development and manufacturing of pharmaceutical finished dosage forms using Hot Melt Extrusion	INNOVATE UK	Principal Investigator
5	2016	Innovate Multicomponent Drug Design (IMODE)	INTERREG 2Seas	Co-Investigator
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**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2022-25	Oxford University Press	Editor in Chief	Directed the overarching editorial strategy and content pipeline for the Journal of Pharmacy and Pharmacology Reports , managing a team of 15 editors to deliver high-impact content aligned with the brand's voice and growth goals.
2	2012-to date	Wiley & Sons	Edito in Chief	Appointed as Series Editor for the prestigious Wiley "Advances in Pharmaceutical Technology" book series, leading editorial strategy, recruiting global domain experts, and overseeing the peer-review and publication process for cutting-edge pharmaceutical research.
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Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Awarded by:
1	2024	Best paper award	Journal of Molecular Pharmaceutics, American Chemical Society
2	2020	Pharmaceutical Research Meritorious Manuscript Award	American Association of Pharmaceutical Sciences

3	2019	Eminent Fellowship of the Academy of Pharmaceutical Sciences	Academy of Pharmaceutical Sciences
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Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Key Activities:
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