

Savvas Dimiou

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Profile

Bilingual (English, Greek) and commercially focused Chemistry Graduate with a 1st class degree currently pursuing a PhD in Pharmaceuticals at UCL. Extensive experience in Pharmaceutical Nanoscience and Project Management obtained within both big Pharma (AstraZeneca) and pharmaceutical start-up companies (Nanomerics Ltd). Excellent communication, teamwork, and presentation skills, allied to the ability to juggle multiple tasks to high achievement.

Education

UCL, London, UK

PhD Pharmaceuticals

2019 – Present

- **Thesis Title:** Systemic delivery of nucleic acids via the pulmonary route – delivering delicate drugs non-invasively
- PhD researcher at the prestigious Centre for Doctoral Training in Transformative Pharmaceutical Technologies
- Research presented at two international scientific conferences
- Due for submission September 2023 (4-year PhD Program)

UCL, London, UK

MSc Pharmaceutical Formulation and Entrepreneurship

2017 – 2018

- **Average grade:** Distinction (72/100)
- **Modules include:** Initiating a Pharmaceutical Start-up, Mastering Entrepreneurship, Business in Bioscience, Entrepreneurial Finance, Business Case Analysis and Application Project, Preformulation, Formulation of Small Molecules, Personalised Medicine, Formulation of Natural Products and Cosmeceuticals
- **Key achievement:** Highest class grade (82/100) on MSc Business Case Analysis dissertation, conducted in the industry at UCL Business Ltd
- **Key achievement:** Experimental data from MSc Research Project published in a peer-reviewed scientific journal

Aristotle University, Thessaloniki, Greece

BSc Chemistry, focused on Biochemistry

2013 – 2017

- **Average Grade:** Very Good (8.39/10)
- **Modules include:** Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Biochemistry, Biotechnology, Clinical Biochemistry, Enzymology, Bio-inorganic Chemistry, Bio-organic Chemistry, Structural Biochemistry
- Dissertation topic: Conjugation of biomolecules in carbon nanotubes and determination of their properties (10/10)
- **Leadership:** Co-Founder of ReAcTiON – the first Chemistry students' association at the Aristotle University of Thessaloniki, founded in 2016 (personal initiative)
- **Creativity:** Finding innovative project ideas, sponsors, and companies to work with - I successfully organised the conference entitled "The Interdisciplinary Approach to Solving a Crime Case"

Professional Experience

UCL School of Management, London, UK

July 2022 – Present

Teaching Assistant

- Served as a dedicated and enthusiastic TA in the department of Strategy & Entrepreneurship
- Assisted in the delivery of MSc modules Mastering Entrepreneurship, Customer Development and Lean Startup, and Business Case Analysis and Application Project to students in groups and individually
- Demonstrated strong interpersonal and communication skills, resulting in clear subject matter discussion with students

AstraZeneca, Cambridge, UK

Visiting PhD Researcher

January – April 2020

- Investigated drug-drug and drug-polymer interactions by screening 100+ samples with different analytical techniques
- Wrote reports and new standard operating procedures and delivered presentations to the project management team
- **Key achievement:** Developed an experimental framework to accelerate the preclinical formulation development of ionizable hydrophilic compounds (first-author research article submitted to a peer-reviewed scientific journal)

Nanomerics Ltd, London, UK

Development Scientist and Project Manager

2018 – 2019

- Acted as the project interface between all relevant parties and ensured that each element of the project is in line with specified milestones and budget
- Assisted the CEO with deliverables (presentations, reports, and quarterly reviews) to clients and funding bodies
- Demonstrated formulation science expertise to solve key technical challenges and deliver on product attributes
- **Key achievement:** Developed a novel nanoparticle formulation for Parkinson's disease (first-author research article published in a peer-reviewed scientific journal)
- **Key achievement:** First-named inventor of patent application 'Compositions and Methods for Levodopa Delivery' (US63/262,162)

ATG-Access to Genome, Thessaloniki, Greece

Biochemistry Intern

April – June 2017

- Performed microbiology and genetic procedures on a daily basis
- Set up and calibrated laboratory instruments and equipment to prepare for testing purposes
- Completed record logs and other administrative work in support of biochemistry lab operations

Awards and other Achievements

- Awarded a 3-month funded internship at Nanomerics Ltd by the Royal Society of Chemistry (RSC)
- Awarded a fully funded PhD studentship by the Engineering and Physical Sciences Research Council (EPSRC)
- Awarded by the Dean of the Aristotle University of Thessaloniki in January 2017 during the 90th A.U.TH Anniversary for ReAcTiON team's contribution in social and voluntary work
- Co-president of the UCL School of Pharmacy Postgraduate Society
- PhD student representative at the Centre for Doctoral Training Management and Advisory Board meetings
- Member of the Royal Society of Chemistry (RSC), the Society of Chemical Industry (SCI), and the United Kingdom and Ireland Controlled Release Society (UKICRS)

Additional Skills and Interests

- **Languages:** Greek (Native), English (Fluent, IELTS 8/9), German (Intermediate, Goethe-Zertifikat B1)
- **IT Skills:** Expert user (Global Cert Intermediate, Intermediate C) in MS Office Suite (Word, Excel, PowerPoint, Outlook, OneNote, OneDrive)
- **Scientific software include:** GraphPad Prism, Origin, ImageJ, EndNote
- **Interests:** Swimming, skiing, travelling