

# Curriculum Vitae

**Last name, First name:** Panteri, Eirini

**Gender:** Female

**Nationality:** Hellenic

## Overall Scientific Expertise:

Eirini Panteri is a pharmacist with PhD in Pharmaceutical Analysis. She is a Professor and Director of the Laboratory of Pharmaceutical Analysis at the Faculty of Pharmacy, National and Kapodistrian University of Athens in Greece. She has over 20 years' experience in leading research in the fields of Pharmaceutical Analysis and Analytical Chemistry developing novel analytical methods for the analysis of drugs, metabolites, bioactive compounds and chemical ingredients in pharmaceuticals, cosmeceuticals, biological fluids and human tissues. These methods are applied to clinical testing, toxicology studies, doping control, chemical risk assessment and quality control of medicines. She was Director of the Postgraduate program "Pharmaceutical Analysis- Quality Control", Faculty of Pharmacy, NKUA (2018-2022). She is a member of the American Society of Mass Spectrometry, the Panhellenic Society of Pharmacists, the Panhellenic Society of Medicinal Chemistry, the Hellenic Society of Mass Spectrometry and the Scientific Committee on Consumers Safety, EU (SCCS, DG-Sante). She is author and co-author of more than 100 original research articles in peer reviewed journals, more than 80 opinions in International Journals, 8 reviews and chapters in scientific books, she has participated in the translation of 2 books, with H-index 24 (Scopus). She has supervised 5 completed PhD thesis, 55 completed MSc theses and several dissertation thesis and she is supervisor in 10 ongoing MSc theses and 2 ongoing PhD theses. She is member of the editorial board several scientific journals and she has served as a reviewer of more than 300 scientific articles in 30 international scientific journals.

**Keywords:** Pharmacy, pharmaceutical analysis, analytical chemistry, medicinal products, chemical risk assessment, human health.

## Professional Experience

Years employed. from – to	Title of position	Employer – name and location	Areas of professional specialisation
06/2017- Present	Professor of Pharmaceutical Analysis & Director	Laboratory of Pharmaceutical Analysis, Faculty of Pharmacy, National and Kapodistrian University of Athens, Athens, Greece	Pharmaceutical Analysis, Analytical Chemistry, Bioanalysis, Quality control of medicinal products and cosmeceuticals, Stability studies, chemical risk assessment. Supervising PhD and MSc students, teaching
04/2011- 05/2017	Associate Professor	>>	>>
04/2012- 04/2013	Visiting Professor	Warren Alpert Medical School, Department of Hematology and Oncology, Brown University, Providence, RI	MALDI TOF IMS, cancer research, toxicological studies
09/2005-	Assistant	National and Kapodistrian	Pharmaceutical Analysis,

03/2011	Professor in Pharmaceutical Analysis	University of Athens, Faculty of Pharmacy, Division of Pharmaceutical Chemistry, Athens, Greece	Analytical Chemistry, Bioanalysis, Doping control, Quality control of pharmaceutical and cosmeceutical products, Stability studies, Supervising PhD and MSc students, teaching
11/2000-2005	Lecturer in Pharmaceutical Analysis	>>	>>
11/1996-10/2000	Hospital Pharmacist	Sotiria General Hospital, Athens, Greece	Dispensing prescriptions; purchase medicines; implement hospital regulations; provide advice to the patients in all aspects of their medication.
05/1996-10/1996	Analyst	R&D department, ELPEN Pharmaceutical Co. Inc, Pikermi, Attica, Greece.	Analysis of drugs and impurities in pharmaceutical products according to EU regulations. Write guidelines for the QC department, implement QA regulations.
01/1994-12/1998	Scientific Research Associate	National and Kapodistrian University of Athens, Faculty of Pharmacy, Division of Pharmaceutical Chemistry, Athens, Greece	Research activity in the fields of Pharmaceutical Analysis, Stability studies, QSAR studies
1/1991-12/1993	Postgraduate Demonstrator	National and Kapodistrian University of Athens, Faculty of Pharmacy, Division of Pharmaceutical Chemistry, Athens, Greece	Laboratory courses in undergraduate students

### Educational Background

Year	Degree awarded	Educational Institution – name and location	Areas of educational specialisation
2004	Certificate of Auditor / Lead Auditor	International Register of Certificate Auditors, London UK	ISO 9000:2000 Series Standards
1994	Ph.D.	National and Kapodistrian University of Athens, Faculty of Pharmacy, Athens, Greece	Pharmaceutical Analysis
1989	B.Sc.	National and Kapodistrian University of Athens, Faculty of Pharmacy, Athens, Greece	Pharmacy

### Memberships in Scientific Advisory Bodies/Committees/Panels (if any):

04/2016- today: Member of SCCS - WGs of cosmetic ingredients, nano ingredients in cosmetics, methodology, and plenary meetings.

07/2015-2018: National Organization of Medicines: member of the secondary positive list committee of reimbursed drugs, Athens, Greece

01/2010-2016: National Organization of Medicines: member of the Hellenic Pharmacopoeia Committee, Athens, Greece

06/2015-03/2016: External expert of the SCCS WGs on Methodology and Cosmetic Ingredients, Luxembourg

03/2015-03/2016: External expert of the SCCS working group on Luxembourg

03/2015-03/2016: External expert of the SCCS working group on Hair dyes, Luxembourg

2009-2011: Hellenic Accreditation System (E.SY.D.): Member of the Labs Technical Committee (testing evaluation of analytical laboratories)

### **Memberships in Learned Societies:**

Member of American Society of Mass Spectrometry, Panhellenic society of Pharmacists, Panhellenic society of Medicinal Chemistry and Hellenic Society of Mass Spectrometry.

### **Memberships in Editorial Boards:**

Member of the Editorial Board: Separations (MDPI), Molecules (MDPI) and Journal of Applied Bioanalysis

### **List of Publications:**

[https://www.researchgate.net/profile/Irene\\_Panderi/stats](https://www.researchgate.net/profile/Irene_Panderi/stats)

<https://www.webofscience.com/wos/author/record/I-3621-2019>

Representative publications:

1. A Comparative Study of Hollow Copper Sulfide Nanoparticles and Hollow Gold Nanospheres on Degradability and Toxicity, Liangran Guo, Irene Panderi, Daisy D Yan, Kevin Szulak, Yajuan Li, Yi-Tzai Chen, Hang Ma, Daniel B Niesen, Navindra Seeram, Aftab Ahmed, Bingfang Yan, Dionysios Pantazatos, Wei Lu\*, ACS Nano, 7 (10), 8780–8793, 2013. <https://pubmed.ncbi.nlm.nih.gov/24053214/>
2. Direct injection human plasma analysis for the quantification of antihypertensive drugs for therapeutic drug monitoring using hydrophilic interaction liquid chromatography / electrospray ionization mass spectrometry, Stefanos Meimaroglou, Ariadni Vonaparti, George Migias, Dimitra Gennimata, Sofia Poulou and Irene Panderi\*, J. Chromatogr B, 1004, 1-9, 2015. <https://pubmed.ncbi.nlm.nih.gov/26432361/>
3. Differentiating tumor heterogeneity in formalin-fixed paraffin-embedded (FFPE) prostate adenocarcinoma tissues using principal component analysis of matrix-assisted laser desorption/ionization imaging mass spectral data. Irene Panderi\*, Evgeny Yakirevich, Silvana Papagerakis, Lelia Noble, Kara Lombardo, Dionysios Pantazatos, Rapid Communication in Mass Spectrometry 31 (2), 160–170, 2017. <https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/10.1002/rcm.7776>
4. Quantification of three beta-lactam antibiotics in breast milk and human plasma by hydrophilic interaction liquid chromatography/positive-ion electrospray ionization mass spectrometry, E. Kiriazopoulos, Sabina Zaharaki, Ariadni Vonaparti, Panagiota Vourna, Eirini Panteri-Petratou, Dimitra Gennimata, Kara Lombardo, Irene Panderi\*, Drug Testing and Analysis, 9(7), 1062–1072, 2017. <https://pubmed.ncbi.nlm.nih.gov/27714984/>
5. Development and validation of a hydrophilic interaction liquid chromatography method for the quantitation of impurities in fixed-dose combination tablets containing rosuvastatin and metformin George Machairas, Irene Panderi\*, Ariadni Geballa-Koukoula, Stavroula Rozou, Nikolaos Antonopoulos, Christos Charitos, Ariadni Vonaparti, Talanta 183, 131-141, 2018. <https://www.sciencedirect.com/science/article/abs/pii/S0039914018301760>
6. Hydrophilic Interaction Liquid Chromatography-Electrospray Ionization Mass Spectrometry for Therapeutic Drug Monitoring of Metformin and Rosuvastatin in Human Plasma. Nikolaos Antonopoulos, Giorgos Machairas, George Migias, Ariadni Vonaparti, Vasiliki Brakoulia, Constantinos Pistos, Dimitra Gennimata and Irene Panderi, Molecules 2018, 23, 1548, 2-14. <https://pubmed.ncbi.nlm.nih.gov/29954074/>
7. The way forward for assessing the human health safety of cosmetics in the eu workshop proceedings, Toxicology, 2020, vol 436. SCCS publication.

<https://pubmed.ncbi.nlm.nih.gov/32119890/>

8. Veterinary antimicrobial residues in pork meat in Cyprus: an exposure assessment, Demetra Kyriakides, Irene Panderi\*, Militsa Hadjigeorgiou, Kalia Christou, Maria Maou, Nikolaos Kavantzias, Andreas Lazaris. *Journal of Food Composition and Analysis* Volume 90, July 2020, 103512 <https://doi.org/10.1016/j.jfca.2020.103512>
9. Dietary Exposure Assessment of Veterinary Antibiotics in Pork Meat on Children and Adolescents in Cyprus. Demetra Kyriakides, Andreas C Lazaris, Konstantinos Arsenoglou, Maria Emmanouil, Olympia Kyriakides, Nikolaos Kavantzias, Irene Panderi\*. *Foods* 2020 Oct 16;9(10):1479. <https://pubmed.ncbi.nlm.nih.gov/33081220/>
10. Determination of Intact Parabens in the Human Plasma of Cancer and Non-Cancer Patients Using a Validated Fabric Phase Sorptive Extraction Reversed-Phase Liquid Chromatography Method with UV Detection. Anthi Parla; Eirini Zormpa; Nikolaos Paloumpis; Abuzar Kabir; Kenneth G. Furton; Željka Roje; Victoria Samanidou; Ivana Vinković Vrček; Irene Panderi\* *Molecules* 2021, 26(6), 1526; <https://doi.org/10.3390/molecules26061526>