

Curriculum Vitae

Eirini Panteri, Pharmacist, PhD

Current Position: Professor & Director, Laboratory of Pharmaceutical Analysis, Faculty of Pharmacy, National and Kapoditrian University of Athens,

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Eirini Panderi 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 and Director of the Postgraduate program "Pharmaceutical Analysis- Quality Control". 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 and bioactive compounds in pharmaceuticals, cosmeceuticals, biological fluids and more recently in human tissues by MALDI-IMS. These methods are applied to clinical testing, toxicology studies, doping control, and quality control of drugs. 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 90 original research articles in peer reviewed journals, more than 25 opinions in International Journals, 8 reviews and chapters in scientific books with H-index 23 (Scopus). She has supervised 5 completed PhD thesis, 55 completed MSc theses and 16 completed dissertation thesis and she is supervisor in 11 ongoing MSc theses and 2 ongoing PhD theses. She is member of the editorial board in three 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, pharmaceutical chemistry, medicinal products, risk assessment, human health, biostatistics.

Websites: https://www.researchgate.net/profile/Irene_Panderi/stats

<https://publons.com/researcher/1296593/irene-panderi/>

<https://scholar.google.gr/citations?user=cNWCC2YAAAAJ&hl=en>

Other significant academic achievements:

- 10/07-12/07 Visiting Professor, Uppsala University, Institute for Cell and Molecular Biology, Division of Molecular Biometry, Uppsala, Sweden Training in proteomics and nanoLC-FTICR/MS.
- 04/12-04/13 Visiting Professor, Warren Alpert Medical School, Department of Hematology and Oncology, Brown University, Providence, Rhode Island, USA Research project: MALDI-TOF imaging mass spectrometry in cancer research.
 - Member of the SCCS Europe in Cosmetic Ingredients, Methodology and NanoCosmetics WGs:
https://ec.europa.eu/health/sites/health/files/scientific_committees/consumer_safety/docs/cv_panteri2016_en.pdf
- Associate Editor in Journal of Applied Bioanalysis: Meet our Editorial Board Member: Dr. Eirini Panteri (Irene Panderi), Journal of Applied Bioanalysis, July 2018.
[https://www.betasciencepress.com/1017145/PDF/18009-Meet-our-Editorial-Board-Member-Dr-Eirini-Panteri-\(Irene%20Panderi\).pdf](https://www.betasciencepress.com/1017145/PDF/18009-Meet-our-Editorial-Board-Member-Dr-Eirini-Panteri-(Irene%20Panderi).pdf)
- Associate Editor in Pharmakeftiki
- Guest Editor in Special Issues of Molecules and Separations
- Front Cover: Quantification of oligopeptide-20 and oligopeptide-24 in cosmetic creams using hydrophilic interaction liquid chromatography with electrospray ionization mass spectrometry, Separation Science Plus, Issue 3, 2018

- Top Reviewer for 2018 in Publons
- Expert Evaluator in National and International Research Projects
 - She has been a member in several National Committees: National Organization of Medicines; Hellenic Accreditation System, etc

Selected publications in the last 5 years:

1. Irene Panderi, Evgeny Yakirevich, Silvana Papagerakis, Lelia Noble, Kara Lombardo, Dionysios Pantazatos, 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, 31 (2), 01/2017, 160–170. DOI: <https://doi.org/10.1002/rcm.7776> .
2. E. Kiriazopoulos, Sabina Zaharaki, Ariadni Vonaparti, Panagiota Vourna, Eirini Panteri-Petratou, Dimitra Gennimata, Kara Lombardo, Irene Panderi, Quantification of three beta-lactam antibiotics in breast milk and human plasma by hydrophilic interaction liquid chromatography/positive-ion electrospray ionization mass spectrometry, Drug Testing and Analysis, 9(7), July 2017, 1062–1072, DOI: <https://doi.org/10.1002/dta.2104> .
3. George Machairas, Irene Panderi, Ariadni Geballa-Koukoula, Stavroula Rozou, Nikolaos Antonopoulos, Christos Charitos, Ariadni Vonaparti, Development and validation of a hydrophilic interaction liquid chromatography method for the quantitation of impurities in fixed-dose combination tablets containing rosuvastatin and metformin, Talanta 183, 131-141, 2018.
4. Maria Giannakou Athanasia Varvaresou Evaggelos Kiriazopoulos Spiridon Papageorgiou Eirini Kavvalou Efstathios Tsirivas Irene Panderi, Quantification of oligopeptide-20 and oligopeptide-24 in cosmetic creams using hydrophilic interaction liquid chromatography with electrospray ionization mass spectrometry, Separation Science Plus, 1(3), 159-167, 2018.
5. Geballa-Koukoula A, Panderi I, Zervas K, Geballa-Koukoulas K, Kavvalou E, Panteri-Petratou E, Vourna P, Gennimata D. A porous graphitized carbon LC-ESI/MS method for the quantitation of metronidazole and fluconazole in breast milk and human plasma, J Chromatogr B Analyt Technol Biomed Life Sci. 1084, 175-184, 2018.
6. Nikolaos Antonopoulos, Giorgos Machairas, George Migias, Ariadni Vonaparti, Vasiliki Brakoulia, Constantinos Pistos, Dimitra Gennimata and Irene Panderi, Hydrophilic Interaction Liquid Chromatography-Electrospray Ionization Mass Spectrometry for Therapeutic Drug Monitoring of Metformin and Rosuvastatin in Human Plasma, Molecules 2018, 23, 1548, 2-14.
7. Irene Panderi, Eugenia Taxiarchi, Constantinos Pistos, Eleni Kalogria, Ariadni Vonaparti (2019): Insights into the Mechanism of Separation of Bisphosphonates by Zwitterionic Hydrophilic Interaction Liquid Chromatography: Application to the Quantitation of Risedronate in Pharmaceuticals, Separations, 2019, 6(1), 6; <https://doi.org/10.3390/separations6010006>
8. The way forward for assessing the human health safety of cosmetics in the EU workshop proceedings, Toxicology, 2020, vol 436 <https://doi.org/10.1016/j.tox.2020.152421>
9. Demetra Kyriakides, Irene Panderi, Militsa Hadjigeorgiou, Kalia Christou, Maria Maou, Nikolaos Kavantzias, Andreas Lazaris, Veterinary antimicrobial residues in pork meat in Cyprus: an exposure assessment, Journal of Food Composition and Analysis, Publication date 2020/4/29. <https://doi.org/10.1016/j.jfca.2020.103512>
10. Anthi Parla; Eirini Zormpa; Nikolaos Paloumpis; Abuzar Kabir; Kenneth G. Furton; Željka Roje; Victoria Samanidou; Ivana Vinković Vrček; Irene Panderi 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. Molecules 2021, 26(6), 1526; <https://doi.org/10.3390/molecules26061526>