

MEET THE EDITOR

Meet our Editorial Board Member: Dr. Eirini Panteri (Irene Panderi)



Irene Panderi

Laboratory of Pharmaceutical Analysis, Division of Pharmaceutical Chemistry, Faculty of Pharmacy, National and Kapodistrian University of Athens, Greece.

Correspondence: Laboratory of Pharmaceutical Analysis, Division of Pharmaceutical Chemistry, Faculty of Pharmacy, National and Kapodistrian University of Athens, Greece. Phone: +30 210 7274820; Mobile: +30 697 4015798. Email: ipanderi@pharm.uoa.gr

Eirini Panteri was born on January 1967 in Greece. She graduated from the Faculty of Pharmacy of the National and Kapodistrian University of Athens, Greece in 1989 and she acquired the license for the practice of pharmacist's profession in 1990. During 1990-94 she was a scholar of the State Scholarship Foundation in Greece and conducted her PhD thesis in the Division of Pharmaceutical Chemistry of the National and Kapodistrian University of Athens. Her thesis project, "Derivative UV-vis Spectrophotometry in Pharmaceutical Analysis", focused on the analysis of drugs in pharmaceutical formulations and the analysis of drugs and metabolites in biofluids. From January 1995 till December 1997 she conducted post-doctoral research in the field of QSAR studies in the Division of Pharmaceutical Chemistry. During 1998-2000 she was Scientific Research Associate in the Faculty of Pharmacy of the National and Kapodistrian University of Athens in Greece. From 1996 to 2000 she worked as a hospital pharmacist at Sotiria Chest Diseases regional Hospital in Athens, Greece.

In 2000, she was elected as a Lecturer of Pharmaceutical Analysis in the Faculty of Pharmacy of the National and Kapodistrian University of Athens. In 2005 she was elected in a position at the rank of Assistant Professor and in 2009 she acquired tenure. In 2007 and for two months she was Visiting Professor in the Institute for Cell and Molecular Biology, Division of Molecular Biometry of Uppsala University in Sweden where she was trained in the field of proteomics by nano LC-FT ICR/MS. In 2011 she was elected as Associate Professor of Pharmaceutical Analysis in the Faculty of Pharmacy of the National and Kapodistrian University of Athens. From April 2012 till May 2013 she was visiting Professor in Warren Alpert Medical School, Brown University in Providence, RI, USA where she conducted cancer research in the field of MALDI-TOF imaging mass spectrometry. In 2017 she was elected in a position at the rank of Professor of Pharmaceutical Analysis in the Faculty of Pharmacy of the National and Kapodistrian University of Athens in Greece.

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 SCCS. From 2010 till 2013 she was a member of the Hellenic Pharmacopoeia Committee at the National Organization of Medicines in Greece. During 2011-2013 she was a member of Committees in the Hellenic Accreditation System. From 2015 till 2016 she was external expert of



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the Scientific Society on Consumers Safety (SCCS) working group on Methodology, Hair Dyes and Cosmetic Ingredients. Since 2015 she is a member of the secondary positive list committee of reimbursed drugs at the National Organization of Medicines in Greece. From April 2016 to the present she is member of the SCCS and she participates in the working groups of Cosmetic Ingredients, Nanomaterials and methodology (https://ec.europa.eu/health/scientific_committees/consumer_safety/members_committee_en).

Dr. Panteri has over 20 year's experience in leading research in the fields of Pharmaceutical Analysis and Analytical Chemistry developing analytical methods for the analysis of drugs, metabolites and bioactive compounds in pharmaceuticals, cosmeceuticals, biological fluids, and human tissues (https://www.researchgate.net/profile/Irene_Panderi/stats). These methods are applied to clinical testing, toxicology studies, doping control, and quality control of drugs. Her educational activities include undergraduate and postgraduate courses and laboratories in Pharmaceutical Analysis, Advanced Pharmaceutical Analysis, Analytical Chemistry, Separation Techniques, Clinical Pharmaceutical Analysis, Pharmaceutical Law and Mass Spectrometry.

Dr. Panteri is author and co-author of 68 original research articles in peer reviewed journals, more than 15 opinions in International Journals, 8 reviews and chapters in scientific books with H-index 21 (Scopus May 2018, <https://orcid.org/0000-0003-3190-0127>, [Scopus Author ID:6603892060](https://pubs.scopius.com/author/6603892060)). She has participated in the translation of the book "Pharmaceutical Analysis: A textbook for Pharmacy Students and Pharmaceutical Chemists", Elsevier and she has been a co-author in several opinions of the SCCS. Publications of Dr. Panteri include also a book note in Advanced Pharmaceutical Analysis, Athens 2015. She has supervised 2 completed PhD thesis, more than 40 completed MSc theses and 8 completed dissertation thesis and she is supervisor in 8 ongoing MSc theses, 4 ongoing PhD theses and three ongoing dissertation thesis. 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 29 international scientific journals (<https://publons.com/author/1296593/irene-panderi#stats>).

Her research interests include:

1. Development and validation of chromatographic methods for the quantification and identification of drugs, endogenous substances in pharmaceuticals, cosmeceuticals and biofluids.
2. Quality control of pharmaceutical substances, stability studies, binding studies of drugs with biomolecules by HPLC.
3. Development and validation of LC-iontrap MS, LC-oaTOF-MS and LC-QTOF-MS for the doping control analysis in urine.
4. Studies of the effect of the use of new substrates in reversed phase liquid chromatography (porous graphitized carbon, hybrid organic/inorganic particles, and hydrophilic interaction liquid chromatography).
5. MALDI imaging mass spectrometry of formalin-fixed paraffin-embedded and fresh frozen tissue section samples for cancer research.
6. Sample acquisition and multivariate data analysis of MALDI IMS spectra.
7. Stability and enzyme kinetic studies in pharmaceuticals using high-performance liquid chromatography.
8. Drug analysis in biological fluids using fluorescence derivatization reactions and high-performance liquid chromatography.
9. LC-ESI/MS and LC-APCI/MS analysis of drugs in biofluids targeting application to bioequivalence studies.
10. Chromatography of peptides.

She has established collaboration with several research groups within Greek, European and USA universities. She has also been member of several organizing and scientific

committee of scientific conferences. Since 2017 Eirini Panteri is the Director of the Laboratory of Pharmaceutical Analysis in the Faculty of Pharmacy of the National and Kapodistrian University of Athens in Greece.

Selected Publications

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