



## Eirini Panteri (Irene Panderi)

**Title:** Professor of Pharmaceutical Analysis

**Sector:** Pharmaceutical Chemistry, Laboratory of Pharmaceutical Analysis

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[https://www.pharm.uoa.gr/el/prosopiko/didaktiko\\_ereynitiko\\_prosopiko/didaktiko\\_kai\\_ereynitiko\\_prosopiko\\_dep\\_toy\\_tomea\\_farmakeytikis\\_chimeias/panteri\\_eirini/](https://www.pharm.uoa.gr/el/prosopiko/didaktiko_ereynitiko_prosopiko/didaktiko_kai_ereynitiko_prosopiko_dep_toy_tomea_farmakeytikis_chimeias/panteri_eirini/)

### Academic Qualifications:

- PhD in Pharmacy (1994), Faculty of Pharmacy, NKUA
- Degree in Pharmacy (1989), Faculty of Pharmacy, NKUA
- Certificate of Auditor / Lead Auditor, International Register of Certificate Auditors, London UK (2004).

### Appointments:

- 2017-present: Professor, Faculty of Pharmacy, NKUA
- 2018-present: Director- Postgraduate program "Pharmaceutical Analysis- Quality Control", Faculty of Pharmacy, NKUA.
- 2016-present: Director - Laboratory of Pharmaceutical Analysis, Faculty of Pharmacy, NKUA.
- 2012-2013: Visiting Professor, Warren Alpert Medical School, Brown University, Providence, RI, USA MALDI-TOF mass spectrometry imaging.
- 2011-2017: Associate Professor, Faculty of Pharmacy, NKUA
- 2007: Visiting Researcher, Division of Molecular Biometry, Uppsala University, Sweden. Training in proteomics (FTICR-MS)
- 2005-2011: Assistant Professor, Faculty of Pharmacy, NKUA
- 2000-2005: Lecturer, Faculty of Pharmacy, NKUA
- 1996-2000: Pharmacist, Sotiria General Hospital, Greece
- 1996: Analyst at R&D Dep., Elpen A.E., Greece.
- 1994-1998: Scientific Research Associate, Faculty of Pharmacy, NKUA

### Teaching Activities: (current)

- Undergraduate courses

Pharmaceutical Analysis I; Pharmaceutical Analysis II; Analytical Chemistry II; Laboratory of Pharmaceutical Analysis; Introduction to Laboratory Techniques  
Completed > 15 dissertation theses.

- Postgraduate courses

Advanced Pharmaceutical Analysis I; Advanced Pharmaceutical Analysis II; Clinical Pharmaceutical Analysis (Bioanalytical Techniques, Dep. Chemistry); Stability of Pharmaceutical Products; Quality control of cosmetics (University of West Attica)

Completed: > 45 MSc Theses

Completed: 5 PhD Theses, 1 Post-doctoral Researcher

### Research Interests/Activities: (last 10 years)

- Pharmaceutical Analysis; Bioanalysis
- Chromatography; Mass spectrometry; MALDI TOF imaging
- Risk assessment
- Clinical testing, toxicology studies, doping control, and quality control of drugs

### Scientific Publications/Citations:

- >95 publications in peer review journals
- >45 opinions on safety assessment; 10 review papers; translations (2 books); 1 book chapter
- H index 23, ~1600 citations

### Top five publications

- A Comparative Study of Hollow Copper Sulfide Nanoparticles and Hollow Gold Nanospheres on Degradability and Toxicity, L. Guo, I. Panderi, D.D. Yan, K. Szulak, Y. Li, Y.T. Chen, H. Ma, D.B. Niesen, N. Seeram, A. Ahmed, B. Yan, D. Pantazatos, W. Lu\*, ACS Nano, 7 (10), 8780–8793, **2013**.
- Development and validation of a hydrophilic interaction liquid chromatography method for the quantitation of impurities in fixed-dose combination tablets containing rosuvastatin and metformin, G. Machairas, I. Panderi, A. Geballa-Koukoura, S. Rozou, N. Antonopoulos, C. Charitos, A. Vonaparti, Talanta 183, 131-141, **2018**.
- Insights into the Mechanism of Separation of Bisphosphonates by Zwitterionic Hydrophilic Interaction Liquid Chromatography: Application to the Quantitation of Risedronate in Pharmaceuticals, I. Panderi, E. Taxiarchi, C. Pistos, E. Kalogria, A. Vonaparti: Separations, 6(1), 6; **2019**.
- Veterinary antimicrobial residues in pork meat in Cyprus: an exposure assessment, D. Kyriakides, I. Panderi, M. Hadjigeorgiou, K. Christou, M. Maou, N. Kavantzias, A. Lazaris, J Food Comp Anal, 90, 103512, **2020**.
- 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. A. Parla; E. Zormpa; N. Paloumpis; A. Kabir; K.G. Furton; Ž. Roje; V. Samanidou; I.V. Vrček; I. Panderi Molecules **2021**, 26(6), 1526

### Selected Distinctions:

- State Scholarship Foundation (1987-88 Scholarship for excellence); (1990-93 Scholarship PhD studies)
- Top Reviewer Journal of Chromatography B (2007); Top Reviewer in Publons (2017)
- Poster award IMA 2013
- Front Cover Separation Science Plus 2018

### Projects and Academic Activities:

- 2016-present: Member of the Scientific Committee on Consumers Safety (SCCS, EU).
- Member of the Editorial board (Separations; Journal of Applied Bioanalysis; Pharmakeftiki); Guest Editor in Molecules and Separations; member of various committees in the National Organization of Medicines.