



Yannis (Ioannis) Dotsikas

Title: Associate Professor in Pharmaceutical Analysis

Sector: Pharmaceutical Chemistry

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Academic Qualifications:

- Ph.D. in Pharmaceutical Analysis (2007) Department of Pharmacy, University of Athens
- MSc in Pharmaceutical Analysis (2001) Department of Pharmacy, University of Athens
- B.Sc. in Pharmacy (1999) Department of Pharmacy, University of Athens

Appointments:

- 2020-now : Associate Professor, Department of Pharmacy, University of Athens
- 2015-2020 : Assistant Professor, Department of Pharmacy, University of Athens
- 2012 - 2015 : Lecturer, Department of Pharmacy, University of Athens
- Post-doc research in Pharmaceutical Analysis (2007-2011) Faculty of Pharmacy, University of Athens & Faculty of Pharmacy, University of Belgrade

Teaching Activities: (current)

Undergraduate courses

- Laboratory of Pharmaceutical Analysis
- Drug Stability
- Pharm. Analysis I and II

Postgraduate courses

- Advanced Pharmaceutical Analysis I & II
- Clinical Pharmaceutical Analysis
- Drug Stability

Supervisor of 15 diploma theses, 22 MSc dissertations

Research Interests/Activities: (last 10 years)

- Drug Analysis
- Chemometrics/experimental design
- LC-MS/MS
- Bioanalysis
- Neonatal screening
- Pharmacogenetics

Scientific Publications/Citations:

- 81 publications in refereed journals
- 60 participations in conferences
- 12 invited lectures
- 4 book chapters
- 1927 citations. (H-index 26)

Top five publications

- 'Analysis of potential genotoxic impurities in rabeprazole active pharmaceutical ingredient via Liquid Chromatography-tandem Mass Spectrometry, following quality-by-design principles for method development' Katerina Iliou, Anđelija Malenović, Yannis L. Loukas, Yannis Dotsikas, J. Pharm. Biomed. Anal. 149 (2018) 410-418
- 'Turbulent flow and ternary column-switching on-line clean-up system for high-throughput quantification of risperidone and its main metabolite in plasma by LC-MS/MS. Application to a bioequivalence study' C. Kousoulos, Y. Dotsikas and Y. L. Loukas, Talanta 72 (2007) 360-367
- 'Development of a rapid liquid chromatography tandem mass spectrometry method for the determination of lisinopril, applicable for a bioequivalence study, employing a 96-well format solid phase extraction protocol', C. Kousoulos, G. Tsatsou, Y. Dotsikas and Y. L. Loukas, Anal. Chim. Acta 551 (2005) 177-183
- 'Quantitation of brinzolamide in dried blood spots by a novel LC-QTOF-MS/MS method' Anargyros Foivas, Anđelija Malenović, Nađa Kostić, Marija Božić, Miroslav Knežević, Yannis L. Loukas, Yannis Dotsikas, J. Pharm. Biomed. Anal. 119 (2016) 84-90
- 'Clinical validation of cutoff target ranges in newborn screening of metabolic disorders by tandem mass spectrometry: A worldwide collaborative project', D. M.S. McHugh, et al, Genet. Med. 13 (2011) 230-254

Distinctions:

- 1997 : Fellowship, Department of Pharmacy, University of Athens
- 2013: Guest Co-Editor in a Special Issue in Chromatographia
- 2020-now: Member of the Editorial Board in Molecules

Other Activities:

- Member of the Greek Pharmaceutical Society (EFE)
- Member in Region 4 Genetics Collaborative project "Laboratory quality improvement of newborn screening by MS/MS". Coordinator: Dr. P. Rinaldo, Mayo Clinic Biochemical Genetics Laboratory Rochester, Minnesota
- Member of the Hellenic Mass Spectrometry Society (HMSS)
- Member of the Greek federation of Pharmacists (PEF)