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Education

1988: PhD in Electrochemistry, Georgetown Univ., USA

1986: M.Sc. in Analytical Chemistry, Georgetown Univ., USA

1983: Diploma in Chemistry, Univ. of Patras, Greece

Research Activities

Development of new analytical methodologies with emphasis on non-destructive techniques;
Qualitative and quantitative determination of substances in formulations;
Drug release from micro and nano particles;
Synthesis and characterization of biogenic materials and biomaterials (bones, ceramics, cystoliths, urinary stones etc.);
Polymorphism in Solids

Funding from Industry:

Collaboration with numerous Pharmaceutical Companies (Genepharma, Rontis, ELPEN, DEMO, Rafarm, OnePharma, Pharmathen, Pharos, Pharmadata, Verisfield UK, Famar, Lavipharm, Remedica (Cyprus), Synthon (Spain), Materia (Malta), Pharmacare Premium (Malta)) for the development of new formulations.

Research Statistics

Publications in refereed journals: 64

Publ. in refereed proceedings: 57

Chapters in Books: 2

Patents: 1

Books: 3 (Editorial Board)

Textbooks: 3 (in Greek), 1 translation from English

Citations (w/o self citations) ca. 1700 (source: Scopus)

h-index: 24 (source: Scopus)

Research Grants: 16 (7 E.U., 1 NATO, 6 GSRT, 2 Other)

Other Funding: Since 2010 main funding source is industry for the development of new formulations

Prizes/Distinctions: Four (4) Poster Prizes; Fellowships from five Organisations; One (silver medal) for acknowledging contribution in the establishment of a Research Excellence Center
Journal Reviewer: Twenty one (21) International Journals
Editorial Board: Two (2) international journals
Program Reviewer: GSRT bilateral proposals; IKY (Greek State fellowships proposals); FP7 projects (evaluator for REA/EU); Evaluation of Croatia Pharmacy Departments, Cyprus (IRIS) proposals

Administrative Experience

2003-2007 Chair of the Department and member of the University Senate
2009-2011 Vice Chair of the Department
2005- Director of the Laboratory of Instrumental Analysis
2004-2013 Member of the Research Committee of University of Patras
2008-2015 Member of the Bioethics Committee, University of Patras
2018-: Elected Member of the Deanery of the School of Health Sciences of Univ. of Patras
1992- Member of the General Assembly of the Department of Pharmacy
2012- Member and/or Chairman of the Appeal's Committee of the Research Committee of University of Patras

Teaching Activities

Undegraduate courses

Separations Techniques and Electroanalytical Methods; Spectroscopy; Physical Chemistry;

Graduate courses

Applied Pharmaceutical Analysis, Pharmaceutical analysis and Biospectroscopy; Methods of instrumental analysis of cosmetics

Recent Selected Publications:

1. Mohamed Ahmed S. El Mubarak, Fotini N. Lamari, Christos Kontoyannis, Journal of Chromatography A, Journal of Chromatography A, 1322 (2013) 49-53

(<http://dx.doi.org/10.1016/j.chroma.2013.10.086>).

2. Harry Blair, Elena Kalyvioti, Nikolaos Papachristou, Irina Tourkova, Spyros Syggelos, Despina Deligianni, Malvina Orkoulou, Christos Kontoyannis, Eleni Karavia, Kyriakos Kypreos, and Dionysios Papachristou, *Laboratory Investigation*, 96 (2016) 763-772
doi:10.1038/labinvest.2016.51 (2016) doi:10.1038/labinvest.2016.51.

3. Georgia Tooulakou, Andreas Giannopoulos, Dimosthenis Nikolopoulos, Panagiota Bresta, Elissavet Dotsika, Malvina G. Orkoulou, Christos G. Kontoyannis, Costas Fasseas, Georgios Liakopoulos, Maria I. Klapa, and George Karabourniotis, *Plant Physiology*, 171 (2016) 2577-2585 DOI:10.1104/pp.16.00111.

4. Eleni Kamilari, Konstantinos Farsalinos, Konstantinos Poulas, Christos G. Kontoyannis, Malvina G. Orkoulou, *Food and Chemical Toxicology*, 116, Part B, (2018) 233–237
<https://doi.org/10.1016/j.fct.2018.04.035>.

5. Georgia Tooulakou, Dimosthenis Nikolopoulos, Elissavet Dotsika, Malvina G. Orkoulou, Christos G. Kontoyannis, Georgios Liakopoulos, Maria I. Klapa, George Karabourniotis, *Physiologia Plantarum*, 2018, <https://doi.org/10.1111/ppl.12843>.

OFFICE HOURS FOR STUDENTS

Mon-Wed-Fri: 17.00-19.00