

## PERSONAL INFORMATION

Ioannis Niopas

WORK EXPERIENCE

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August 2014- Present

**Professor Emeritus**

School of Pharmacy, Faculty of Health Sciences, Aristotle University of Thessaloniki (Greece)

Postgraduate Teaching Activities: Pharmacokinetics, Drug Drug Interactions, Phytotherapy

Member of the Scientific Approval Board, National Organization for Medicines, Athens, Greece

Assessor of Pharmacokinetic and Bioavailability/Bioequivalence Studies, National Organization for Medicines, Athens, Greece

2010- 2014

**Professor of Clinical Pharmacy and Pharmacokinetics**

School of Pharmacy, Faculty of Health Sciences, Aristotle University of Thessaloniki (Greece)

Research Activities: Clinical Pharmacokinetics, Bioavailability/Bioequivalence Studies, Drug-Drug Interactions, Development and Validation of Bioanalytical Methods

Undergraduate Teaching Activities: Clinical Pharmacy and Therapeutics, Clinical Pharmacokinetics,

Toxicology

2005- 2010

**Associate Professor of Pharmacology and Pharmacokinetics**

School of Pharmacy, Aristotle University of Thessaloniki (Greece)

Clinical Pharmacokinetics, Bioavailability/Bioequivalence Studies, Drug-Drug Interactions,

Development and Validation of Bioanalytical Studies

Teaching Activities: Pharmacology, Clinical Pharmacokinetics, Toxicology

1991- 2005

**Assistant Professor of Pharmacology and Pharmacokinetics**

School of Pharmacy, Aristotle University of Thessaloniki (Greece)

Clinical Pharmacokinetics, Bioavailability/Bioequivalence Studies, Drug-Drug Interactions,

Development and Validation of Bioanalytical Studies

Teaching Activities: Pharmacology, Clinical Pharmacokinetics, Toxicology

1986- 1991

**Lecturer of Pharmacology and Pharmacokinetics**

School of Pharmacy, Aristotle University of Thessaloniki (Greece)

Research: Clinical Pharmacokinetics, Drug-Drug Interactions, Bioavailability/Bioequivalence Studies,

Development and Validation of Bioanalytical Studies

Teaching Activities: Pharmacology, Clinical Pharmacokinetics, Toxicology

1983- 1986

**Lecturer of Pharmaceutical Chemistry**

School of Pharmacy, Aristotle University of Thessaloniki (Greece)

Research Activities: Medicinal Chemistry

Teaching Activities: Pharmaceutical Chemistry

1976- 1979

**Scientific Collaborator**

School of Pharmacy, Aristotle University of Thessaloniki (Greece)

Research Activities: Medicinal Chemistry

Teaching Activities: Laboratory Courses of Pharmaceutical Chemistry

EDUCATION AND TRAINING

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- 1993- 1993 **Postdoctoral Research Fellow**  
Department of Pharmacology & Toxicology, St. Mary's Hospital Medical School, Imperial College, London (United Kingdom)
- 1986- 1987 **Postdoctoral Research Fellow**  
School of Pharmaceutical Sciences, University of Manchester (United Kingdom)
- 1979- 1982 **Doctor of Philosophy (PhD)**  
School of Pharmaceutical Sciences, University of Strathclyde, Glasgow (United Kingdom)
- 1967- 1972 **BSc Pharmacy**  
School of Pharmacy, Aristotle University of Thessaloniki (Greece)
- 1975- 1978 **BSc Chemistry**  
School of Chemistry, Aristotle University of Thessaloniki (Greece)
- 1998 **BA in Business Administration**  
School of Business Administration, University of Macedonia, Thessaloniki (Greece)

## ADDITIONAL INFORMATION

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**Expertise** Bioavailability/Bioequivalence Studies <br/>Clinical Pharmacokinetics <br/>Drug-Drug Interactions<br/>Development and Validation of Bioanalytical Methods<br/>

- Publications**
1. Ioannidou M, Apostolidou-Kiouti F, Haidich AB, Niopas I, Roilides E: (2014) Efficacy and safety of linezolid for the treatment of infections in children: a meta-analysis, Eur J Pediatr, 173: 1179-86.<br/>
  2. Spanakis M, Bouropoulos N, Theodoropoulos D, Sygellou L, Ewart S, Moschovi AM, Siokou A, Niopas I, Kachrimanis K, Nikolakis V, Cox PA, Vizirianakis IS, Fatouros DG: (2014) Controlled release of 5-fluorouracil from microporous zeolites, Nanomedicine, 10: 197-205.<br/>
  3. Spanakis M, Vizirianakis IS, Batzias G, Niopas I: (2013) Pharmacokinetic interaction between losartan and Rhodiola rosea in rabbits, Pharmacology, 91: 112-6. <br/>
  4. Spanakis M, Niopas I: (2013) Determination of atenolol in human plasma by HPLC with fluorescence detection: validation and application in a pharmacokinetic study, J Chromatogr Sci, 51: 128-32. <br/>
  5. Touraki M, Niopas I. (2013) Bioencapsulation and pharmacokinetic study of oxolinic acid in rotifers (Brachionus plicatilis), Artemia franciscana nauplii and metanauplii, Aquaculture Res, 44: 701-712.<br/>
  6. Spanakis M, Niopas I: (2012) GC-MS Simultaneous Determination of Enalapril and Enalaprilat in Human Plasma: Application to a Clinical Pharmacokinetic Study, Chromatographia, 72: 957-962.<br/>
  7. Touraki M, Niopas I, Karagiannis V: (2012) Treatment of vibriosis in European sea bass larvae, Dicentrarchus labrax L., with oxolinic acid administered by bath or through medicated nauplii of Artemia franciscana (Kellogg): efficacy and residual kinetics, J Fish Dis, 35: 513-22. <br/>
  8. Kanaze FI, Kokkalou E, Niopas I, Barmpalexis P, Georgarakis E, Bikiaris D: (2010) Dissolution rate and stability study of flavanone aglycones, naringenin and hesperetin, by drug delivery systems based on polyvinylpyrrolidone (PVP) nanodispersions, Drug Dev Ind Pharm, 36: 292-301. <br/>
  9. Chatsisvili A, Sapounidis I, Pavlidou G, Zoumpouridou E, Karakousis VA, Spanakis M, Teperikidis L, Niopas I: (2010) Potential drug-drug interactions in prescriptions dispensed in community pharmacies in Greece, Pharm World Sci, 32: 187-93. <br/>
  10. Spanakis M, Vizirianakis IS, Myronidou-Tzouveleki M, Niopas I: (2009) A validated SIM GC/MS method for the simultaneous

determination of dextromethorphan and its metabolites dextrorphan, 3-methoxymorphinan and 3-hydroxymorphinan in biological matrices and its application to in vitro CYP2D6 and CYP3A4 inhibition study, *Biomed Chromatogr*, 23: 1131-7.<br/>11. Kanaze FI, Termentzi A, Gabrieli C, Niopas I, Georganakis M, Kokkalou E: (2009) The phytochemical analysis and antioxidant assessment of orange peel (*Citrus sinensis*) cultivated in Greece-Crete indicates a new commercial source of hesperidin, *Biomed Chromatogr*, 23: 239-249.<br/>12. Spanakis M, Kasma S, Niopas I: (2009) Simultaneous determination of the flavonoid aglycones diosmetin and hesperetin in human plasma and urine by a validated GC/MS method: in vivo metabolic reduction of diosmetin to hesperetin, *Biomed Chromatogr*, 23: 124-131.<br/>13. Kimiskidis V, Spanakis M, Niopas I, Kazis D, Gabrieli C, Kanaze FI, Divanoglou D: (2007) Development and validation of a high performance liquid chromatographic method for the determination of oxcarbazepine and its main metabolites in human plasma and cerebrospinal fluid and its application to pharmacokinetic study, *J Pharm Biomed Anal*, 43: 763-768.<br/>14. Kanaze FI, Bounartzi MI, Georganakis M, Niopas I: (2007) Pharmacokinetics of the citrus flavanone aglycones hesperetin and naringenin after single oral administration in human subjects *J Clin Nutr*, 61: 472-477.<br/>15. Kanaze FI, Kokkalou E, Niopas I, Georganakis M, Stergiou A, Bikiaris D: (2006) Thermal analysis study of flavonoid solid dispersions having enhanced solubility, *J Therm Anal Calor*, 83: 283-290.<br/>16. Kanaze FI, Kokkalou E, Niopas I, Georganakis M, Stergiou A, Bikiaris D: (2006) Dissolution enhancement of flavonoids by solid dispersion in PVP and PEG matrices: A comparative study, *J Appl Polym Sci*, 102: 460-471.<br/>17. Kimiskidis VK, Niopas I, Firinidis PD, Kanaze FI, Gabrieli C, Kazis D, Papagiannopoulos S, Kazis A: (2005) Frequency distribution of dextromethorphan O-demethylation in a Greek population, *Int J Clin Pharmacol Ther*, 43: 150-153.<br/>18. Bozikas VP, Niopas I, Kafantari A, Kanaze FI, Gabrieli C, Melissidis P, Gamvrula K, Fokas K, Karavatos A: (2005) No increased levels of the nicotine metabolite cotinine in smokers with schizophrenia, *Prog Neuropsychopharmacol Biol Psychiatry*, 29: 1-6.<br/>19. Kanaze FI, Kokkalou E, Georganakis M, Niopas I: (2004) A validated solid-phase extraction HPLC method for the simultaneous determination of the citrus flavanone aglycones hesperetin and naringenin in urine, *J Pharm Biomed Anal*, 36: 175-181. <br/>20. Kanaze FI, Bounartzi MI, Niopas I: (2004) A validated HPLC determination of the flavone aglycone diosmetin in human plasma, *Biomed Chromatogr*, 18: 800-804. <br/>21. Niopas I, Daftsios AC, Nicolaidis N: (2004) Evaluation of bioequivalence of two tablet formulations of enalapril/hydrochlorothiazide after single oral administration to healthy volunteers, *Arzneim Forsch / Drug Res*, 35: 160-165.<br/>22. Bozikas VP, Papakosta M, Niopas I, Kafantari A, Mirtsou-Fidani V, Karavatos AD: (2004) Smoking impact on CYP1A2 activity in a group of patients with schizophrenia, *Eur Neuropsychopharmacol*, 14: 39-44.<br/>23. Kanaze FI, Kokkalou E, Georganakis M, Niopas I: (2004) A validated high-performance liquid chromatographic method utilizing solid-phase extraction for the simultaneous determination of naringenin and hesperetin in human plasma, *J Chromatogr B*, 801: 363-367.<br/>24. Kanaze FI, Gabrieli C, Kokkalou E, Georganakis M, Niopas I: (2003) Simultaneous reversed-phase high-performance liquid chromatographic method for the determination of diosmin, hesperidin and naringin in different citrus fruit juices and pharmaceutical formulations, *J Pharm Biomed Anal*, 33: 243-249.<br/>25. Niopas I, Daftsios AC: (2003) Determination of nifedipine in human plasma by solid-phase extraction and high-performance liquid chromatography: validation and adaptation to pharmacokinetic studies, *J Pharm Biomed Anal*, 32: 1213-1218.<br/>26. Niopas I, Daftsios AC, Nicolaidis N: (2003) Bioequivalence study of two brands of enalapril tablets after single oral administration to healthy volunteers, *Int J Clin Pharmacol Ther*, 41: 226-230.<br/>27. Niopas I, Daftsios AC: (2002) A validated high-performance liquid chromatographic method for the determination of glibenclamide in human plasma and its application to pharmacokinetic studies, *J Pharm Biomed Anal*, 28: 653-657.<br/>28. Niopas I, Daftsios AC: (2002) A validated HPLC method for the determination of hydrochlorothiazide in human plasma and its application in pharmacokinetic study, *J Liq Chromatogr Rel Technol*, 25: 487-494.<br/>29. Niopas I, Daftsios AC, Nicolaidis N: (2002) Evaluation of Bioequivalence and pharmacokinetics of two tablet formulations of isosorbide-5-mononitrate after single oral administration in healthy volunteers», *Arzneim Forsch / Drug Res*, 52: 182-186.<br/>30. Niopas I, Daftsios AC: (2001) Determination of clarithromycin in human plasma by

HPLC with electrochemical detection: validation and application in pharmacokinetic study, *Biomed Chromatogr*, 15: 507-508.

31. Niopas I, Daftsios AC: (2001) A validated gas chromatographic method for the determination of isosorbide-5-mononitrate in human plasma and its application to pharmacokinetic studies, *Pharmazie*, 50: 589-590.

32. Niopas I, Daftsios AC: (2001) Determination of 2-hydroxyflutamide in human plasma by high-performance liquid chromatography and its application to pharmacokinetic studies, *J Chromatogr B Biomed Appl*, 759: 179-183.

33. Niopas I, Daftsios AC, Nikolaidis NL2001) Human bioequivalence study of clarithromycin from two tablet formulations after single oral administration, *Clin Drug Invest*, 21: 211-217.

34. Niopas I, Daftsios AC, Nikolaidis N: (2001) Relative bioavailability of two isosorbide dinitrate sublingual tablet formulations administered as single doses in healthy subjects, *Int J Clin Pharmacol Ther*, 39: 224-228.

35. Kimiskidis VK, Mirtsou-Fidani V, Papaioannidou PG, Niopas I, Georgiadis G, Constantinidis TC, Kazis AD: (1999) A phase I clinical trial of dextromethorphan in intractable partial epilepsy, *Methods Find Exp Clin Pharmacol*, 21: 673-678.

36. Niopas I, Daftsios AC, Xanthakis I, Nikolaidis N: (1999) Relative bioavailability study of two nifedipine tablet formulations in healthy male volunteers, *Int J Clin Pharmacol Ther*, 38: 309-314.

37. Niopas I, Daftsios AC, Xanthakis I, Nikolaidis N, Njau SN: (1999) Bioequivalence of two tablet formulations of atenolol after single oral administration in healthy volunteers, *Arzneim Forschung / Drug Res*, 50: 243-247.

38. Niopas I, Holt L, Aarons L, Rowland M: (1999) The effect of cimetidine on the steady-state pharmacokinetics and pharmacodynamics of warfarin in humans, *Eur J Clin Pharmacol*, 55: 399-404.

39. Touraki M, Niopas I, Kastritsis C: (1999) Bioaccumulation of trimethoprim, sulfamethoxazole and N-acetylsulfamethoxazole in *Artemia nauplii* and residual kinetics in seabass larvae after repeated oral dosing of medicated nauplii, *Aquaculture*, 175: 15-30.

40. Bosabalidis A, Gabrieli C, Niopas I: (1998) Flavone aglycones in glandular hairs of *Origanum x intercedens*, *Phytochemistry*, 49: 1549-1553.

41. Ktistis G, Niopas I: (1998) A study of the in-vitro percutaneous absorption of propranolol from disperse systems, *J Pharm Pharmacol*, 50: 413-418.

42. Kimiskidis VK, Kazis AD, Niopas I: (1996) Simultaneous determination of dextromethorphan and dextrorphan in human plasma, urine and cerebrospinal fluid by HPLC with fluorescence detection, *J Liq Chrom & Rel Technol*, 19: 1267-1275.

43. Kazis A, Kimiskidis V, Niopas I: (1996) Pharmacokinetics of dextromethorphan and dextrorphan in epileptic patients, *Acta Neurol Scand*, 93: 94-98.

44. Mamzoridi K, Kasteridou N, Peonides A, Niopas I: (1996) Pharmacokinetics of cefixime in children with urinary tract infections after a single oral dose, *Pharmacol Toxicol*, 78: 417-420.

45. Chaisuksant R, Niopas I, Voulgaropoulos A, Mellidis AS, Papageorgiou VP: (1995) Analysis of some isohexenylnaphthazarins by reversed-phase HPLC, *Pharmazie*, 50: 363.

46. Niopas I, Georganakis M, Sidi-Frangandrea V, Chrisanthopoulos C, Liara E: (1995) Pharmacokinetics of tolfenamic acid in pediatric patients after single oral Dose, *Eur J Drug Metab Pharmacokinet*, 20: 293-296.

47. Niopas I, Georganakis M: (1995) Determination of tolfenamic acid in human plasma by HPLC, *J Liq Chromatogr*, 18: 2675-2682.

48. Caldwell J, Bounds SVJ, Grubb NG, Niopas I: (1995) Use of isotopically labeled pseudoracemates for the study of chiral drugs, *Synthesis and Applications of Isotopically Labeled Compounds*, Allen J, Ed, John Wiley & Sons Ltd, London, pp. 811-818.

49. Niopas I, Mamzoridi K: (1994) Determination of Indomethacin and Mefenamic Acid in Plasma by High-Performance Liquid Chromatography, *J Chromatogr B*, 656: 447-450.

50. Pappas IS, Niopas I, Tsiftoglou AS: (1992) Ureido Derivatives of Pyridine: A Class of Potent Inducers of Murine Erythroleukemia Cell Differentiation, *Anti-Cancer Drug Design*, 7: 153-161.

51. Niopas I, Smail GA: (1992) Enamine Reactions of 1,3-Dioxo-5H-imidazo[1,5-b]-Isoquinolines, *Pharmazie*, 47: 189-191.

52. Niopas I, Toon S, Rowland M: (1991) Further Insight into the Stereoselective Interaction between Warfarin and Cimetidine in Man, *Br J Clin Pharmacol*, 32: 508-511.

53. Niopas I, Smail GA: (1991) Reactions of 1,3-Dioxoimidazo[1,5-b]isoquinolinium Bromides with Nucleophiles, *J Chem Soc Perkin Trans 1*, 119-125.

54. Niopas I, Smail GA: (1991) Reactions of 1,3-Dioxo-5H,10H-imidazo[1,5-b]-isoquinolines with Bromine, *J Chem Soc Perkin Trans 1*, 113-117.

55. Avgoustakis K, Niopas I: (1991) Dissolution and Bioavailability Evaluation of Three Brands of Paracetamol Tablets, *Review of Clinical Pharmacology and Pharmacokinetics, International Edition*, 5: 58-61.

56. Tsiftoglou AS, Pappas IS, Niopas I: (1991) Structural,

Cellular and Pharmacological Implications of Neoplastic Cell Differentiation Induced by Ureido-Derivatives of Pyridine (UDPs), *Top Mol Organ Eng*, 8 (*Chem Prop Biomol Syst*), 189-208.  
<br/>57. Gabrieli C, Kokkalou E, Niopas I: (1990) Anti-Inflammatory Activity of a Novel Glucosylated Acylflavone from *Sideritis raeseri*, *Scientia Pharmaceutica*, 58: 395-397.<br/>58. Albanoudi N, Gabrieli C, Niopas I: (1990) Anti-Inflammatory Activity of N2-Substituted 10,10a-dihydroimidazo[1,5-b]isoquinoline-1,3(2H,5H)-diones, *Scientia Pharmaceutica*, 58: 259-262.  
<br/>59. Niopas I, Smail GA: (1990) N-Substituted Tricyclic Isoquinoline Hydantoins, *Collect Czech Chem Commun*, 55: 540-545.<br/>60. Weir EC, Niopas I, Smail GA: (1989) Tricyclic Hydantoins and Thiohydantoins of Phenylalanine, *Chimika Chronika*, 18: 3-17. <br/>

#### Projects

#### Memberships

Economic Chamber of Greece<br/>Pan-Hellenic Association of Pharmacists<br/>Hellenic Society for Basic and Clinical Pharmacology<br/>Hellenic Pharmaceutical Society<br/>

#### Other Relevant Information