Curriculum Vitae



Nikolaos Naziris

Pharmacist, MSc, PhD

Laboratory of Pharmaceutical Nanotechnology
Section of Pharmaceutical Technology
Department of Pharmacy
School of Health Sciences
National and Kapodistrian University of Athens

Personal Details:

First name: Nikolaos **Surname:** Naziris

Date of Birth: 23-06-1991

Nationality: Hellenic

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ORCID ID: https://orcid.org/0000-0002-8155-3875

Scopus ID: 56441552000

Education and Research:

2006 – 2009: High School Diploma, Experimental High School of Agioi Anargyroi of Attica

2009 Sep – 2014 Sep: Diploma in "Pharmacy", Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens (UoA) *(Grade: 7,57 Very Good)* (Pharmacist)

2014 Oct – 2016 Jul: Postgraduate Diploma in "Industrial Pharmacy", Section of Pharmaceutical Technology, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens (UoA) *(Grade: 9,08 Excellent)* (MSc)

2016 Jul - 2019 Jul: Doctoral Research on "Pharmaceutical Technology", Section of Pharmaceutical Technology, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens (UoA) (*Grade: Excellent*) (PhD)

Training:

2017 Oct 11 – 27: Training on *in vitro* and *in vivo* protocols for the evaluation of nanoparticle toxicity, Laboratory of Pharmacology, Faculty of Medicine, School of Health Sciences, University of Thessaly, under the supervision of Assistant Professor Konstantinos Dimas

2018 Nov 5 –30: Training on *in vitro* methods for nanoparticle toxicity assessment, Neuroimmunology Laboratory, Department of Physiology and Pharmacology, Sapienza University of Rome, Italy, under the supervision of Head of the Lab Professor Christina Limatola, under the frame of the project Euronanomed II titled "Nanotechnology based immunotherapy for glioblastoma" (NANOGLIO)

2019 May 13 – 31: Training on *in vitro* and *in vivo* protocols for the evaluation of nanoparticle toxicity and effectiveness, Laboratory of Pharmacology, Faculty of Medicine, School of Health Sciences, University of Thessaly, under the supervision of Assistant Professor Konstantinos Dimas, under the frame of the project Euronanomed II titled "Nanotechnology based immunotherapy for glioblastoma" (NANOGLIO)

2019 Mar 18 – Apr 16: Training on *in vitro* methods for the evaluation of membrane and liposome biophysics, Department of General Biophysics, Faculty of Biology and Environmental Protection, University of Lodz, Poland, in the context of the program of the Polish National Agency for Academic Exchange (NAWA)

<u>Participation in Academic Research Programs:</u>

- 2016 Mar Present: NANOGLIO: Nanotechnology Based Immunotherapy for Glioblastoma. EuroNanoMed 2: 7th Joint Transnational Call for Proposals for "European Innovative Research & Technological Development Projects in Nanomedicine" 2016. Coordinator: Prof. Angela Santoni, IRCCS Neuromed, Pozzilli, Italy.
- 2018 Jul Present: LIPONACOS: Design and Development of Innovative Lipidic Carriers and Liposomal Platforms Incorporating Natural Products for Cosmetic Purposes. Action of National Range: "Research-Create-Innovate" 2017. Coordinator: Prof. Charalampos Katerinopoulos, University of Crete, Crete, Greece.

<u>Participation in Research Programs in Cooperation with the Pharmaceutical Industry:</u>

➤ 2017 Apr – Dec: Research and Development of Final Formulations of Liposomal Curcumin in Sachets in Laboratory Scale, with Distinctive Title: "Dosage Forms of Liposomal Curcumin in Sachets", in Collaboration with IN TOUCH HEALTH. Coordinator: Prof. Costas Demetzos.

Research Interests:

- Pharmaceutical Technology and Nanotechnology
- ➤ Innovative Pharmaceutical Excipients
- Development and Evaluation of Liposomes and Chimeric/Mixed Nanocarriers
- Physicochemical Characterization of Nanocarriers
- ➤ Thermal Analysis Techniques
- ➤ In vitro and in vivo Assessment of Medicines
- Pilot Scale Production of Liposomal Products

Scholarships:

2017 Jul - 2019 Jul: PhD Scholarship by the General Secretariat for Research and Technology (GSRT) and the Hellenic Foundation for Research and Innovation (HFRI) (Scholarship Code: 392)

2019: PhD Scholarship to Nikolaos Naziris by the Polish National Agency for Academic Exchange (NAWA) under the Project Named "International scholarship exchange of PhD Candidates and Academic Staff", within the Operational Programme Knowledge Education Development, co-financed by the European Social Fund.

2019: Award in Excellence of Applied Pharmaceutical Technology and PhD Research to Nikolaos Naziris, Dedicated to the Memory of Kleon Tsetis, Founder of the Pharmaceutical Industry Uni-Pharma. The Grant was Awarded by the Hellenic Pharmaceutical Society (HPS).

Internships:

2013 July - 2013 Dec: Hospital Pharmacy, Konstantopoulio General Hospital

2014 January – 2014 June: Community Pharmacy, Agioi Anargyroi of Attica

2015 July: Pharmaceutical Industry, DEMO S.A.

Diploma Thesis:

"Preparation and Characterization of Chimeric Liposomal Drug Delivery Systems", under the Supervision of Professor Costas Demetzos. (In Greek) (Thesis on Pharmaceutical Technology) (*Grade: 10*)

Master Diploma Thesis:

"Design and Development of pH-responsive Chimeric Liposomes", under the Supervision of Professor Costas Demetzos. (In Greek) (Thesis on Pharmaceutical Technology) (Grade: 10)

PhD Thesis:

"Design, Technological Development and Evaluation of Stimuli-responsive Chimeric Nanocarriers for Cancer Therapy", under the Supervision of Professor Costas Demetzos. (Thesis on Pharmaceutical Technology) *[Grade: Excellent]*

Teaching Experience:

2015 - Present: Lab Assistant in 8th and 9th Semester Laboratory Exercises of Pharmaceutical Technology, Department of Pharmacy, School of Health Sciences, UoA

Board Membership in Scientific Societies:

➤ Hellenic Pharmaceutical Society (HPS) (Member of European Federation for Pharmaceutical Sciences, EUFEPS)

Membership in Scientific Societies:

- Laboratory of Pharmaceutical Nanotechnology, Section of Pharmaceutical Technology, Department of Pharmacy, School of Health Sciences, UoA
- Panhellenic Association of Pharmacists (PEPharm)
- European Colloid & Interface Society (ECIS)
- Hellenic Society of Nanotechnology in Health Sciences (HSnanoHS)
- ➤ Hellenic Society for Biomaterials (HSB)
- ➤ Hellenic Society for Thermal Analysis (HSTA)

Invited Speaker:

"Genes and Personality Characteristics: Study of the Effect of the Genetic Background in Intelligence and Decision Making in a Greek Population" G. Marinos, N. Naziris. 1st Thematic Symposium: "Contribution of Genetic Analyses in Predisposition, Diagnosis, Prognosis and Therapeutic Approach to Disease", Athens, Greece, 2-3 March 2013. (Conference in Greek)

Member of Conference Organizing Committees:

➤ Bibliography as a "Multipotent Tool" for Science, Athens, Greece, 24-25 Nov 2016. (Conference in Greek)

Member of Workshop Organizing Committees:

- ➤ "Advanced Therapies" Chair: N. Naziris, M. Chountoulesi. PharmACon, Athens, Greece, 20 Oct 2018. (Workshop in Greek)
- "Smart Bio-nano Technological Medicines" Chair: C. Demetzos, N. Pippa, N. Naziris,
 M. Chountoulesi, C. Varvara. Days of Health, Athens, Greece, 12 May 2018.
 (Workshop in Greek)
- ▶ "Pharmaceutical Nanotechnology: Liposomal Anticancer Nanomedicines in Clinical Practice. Chair: C. Demetzos, N. Pippa, N. Naziris, M. Chountoulesi. Workshop for Undergraduate Students of the Department of Pharmacy (UoA), Athens, Greece, 3 Nov 2017. (Workshop in Greek)
- "Pharmaceutical Nanotechnology: Interactive Courses in Liposomal Anticancer Medicines". Chair: C. Demetzos, N. Pippa, N. Naziris. 18th Panhellenic Conference by the Panhellenic Association of Pharmacists (PEPharm), Athens, Greece, 6-8 Oct 2017. (Workshop in Greek)
- "Nanoscientist for a Day". Chair: C. Demetzos, N. Pippa, N. Naziris, M. Chountoulesi, A. Tzani, C. Massala, K. Zouliati. Athens Science Festival, Athens, Greece, 29 Mar 2 Apr 2017. (Workshop in Greek)
- "Study of anticancer drugs in nanotechnology: The liposome technology". Chair: C. Demetzos, N. Naziris. 2nd Congress on Genetics, Geriatrics and Neurodegenerative Disease Research (GeNeDis), Sparta, Greece, 20-23 Oct 2016. (Workshop in Greek)

Volunteer in Conference Organization:

➤ 28th Annual Meeting of the European Society for Biomaterials (ESB), Athens, Greece, 4-8 Sep 2017.

Patents:

European Patent (2018): Process for the production of lipidic vehicles. (ΔΕ/82795, GR 20180100082, EUROP/40/18386004.8 pending in Europe), N. N. Pippa, N. Fikiwris, C. Demetzos.

Publications in Peer-reviewed Journals:

- "pH-responsive Chimeric Liposomes: From Nanotechnology to In Vivo Application".
 N. Naziris, F. Saitta, E. Sereti, V. Chrysostomou, D. Fessas, K. Dimas, S. Pispas, C. Demetzos. International Journal of Pharmaceutics, Submitted.
- 2. "A Thermal Analysis and Physicochemical Study on Thermoresponsive Chimeric Liposomal Nanosystems". **N. Naziris**, A. Skandalis, A. Forys, B. Trzebicka, S. Pispas, C. Demetzos. Journal of Thermal Analysis, Submitted.
- 3. "Carbon Nanohorn/Liposome systems: Preformulation, design and in vitro toxicity studies". N. Pippa, C. Stangel, I. Kastanas, E. Triantafyllopoulou, N. Naziris, D. Stellas, M. Zhang, M. Yudasaka, C. Demetzos, N. Tagmatarchis. Materials Science & Engineering C, Accepted Manuscript.
- 4. "Linear Thermodynamic Behavior in Complex Chimeric Nanosystems". <u>N. Naziris</u>, A. Skandalis, S. Pispas, C. Demetzos. Pharmakeftiki, 2018, 30.
- 5. "Kinetic study of the thermodynamic behavior of lipid bilayers in the presence of aminoadamantane drugs". M. Chountoulesi, A. Konstantinidi, N. Naziris, D. Kolokouris, A. Kolocouris, C. Demetzos, T. Mavromoustakos. Pharmakeftiki, 2018, 30.
- 6. "Development and evaluation of stimuli-responsive chimeric nanostructures". <u>N. Naziris</u>, N. Pippa, D. Stellas, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka. AAPS PharmSciTech, 2018, 19.
- 7. "Comparative Interactions of M2 WT channel blockers amantadine and its synthetic spiro[pyrrolidine-2,2'-adamantane] variant AK13 to lipid bilayers". A. Konstantinidi, N. Naziris, M. Chountoulesi, S. Kiriakidi, B. Sartori, H. Amentisch, G. Mali, D. Kolokouris, D. Ntountaniotis, T.A. Cross, C. Demetzos, T. Mavromoustakos, A. Kolocouris. The Journal of Physical Chemistry, 2018, 122.
- 8. "PEO-b-PCL grafted/chimeric niosomes: the cooperativity of amphiphilic components and their properties in vitro and in vivo". N. Pippa, N. Naziris, D. Stellas, C. Massala, K. Zouliati, S. Pispas, C. Demetzos, A. Forys, A. Marcinkowski, B. Trzebicka. Colloids and Surfaces B, 2019, In Press.
- 9. "Influence of Lipid's Main Transition Temperature on the Stability of Chimeric Liposomal Systems". K. Zouliati, C. Massala, N. Pippa, <u>N. Naziris</u>, S. Pispas, C. Demetzos. Current Nanomaterials, 2018, E-pub Ahead of Print.

- 10. "Innovative nanocarriers for ferrous gluconate: The role of polymeric smart/multifunctional vectors". N. Pippa, **N. Naziris**, N. Fikioris, C. Demetzos. Advanced Science, Engineering and Medicine, 2018, 10.
- 11. "Physicochemical Study of the Protein-Liposome Interactions: Influence of Liposome Composition and Concentration on Protein Binding". F. Papageorgiou, N. Pippa, <u>N. Naziris</u>, S. Pispas, C. Demetzos. Journal of Liposome Research, 2018, 24.
- 12. "The Role of the Information/Entropy Balance in Self-assembly. The Structural Hierarchy of Chimeric Drug Delivery Nanosystems". **N. Naziris**, N. Pippa, S. Pispas, C. Demetzos. Pharmakeftiki, 2017, 29.
- 13. "Physicochemical characteristics of liposomes and their lyotropism influence for protein-liposome interactions in vitro". F. Papageorgiou, N. Pippa, <u>N. Naziris</u>, C. Demetzos. Pharmakeftiki, 2017, 29.
- 14. "The Formation of Chimeric Nanomorphologies, as a Reflection of Naturally Occurring Thermodynamic Processes". **N. Naziris**, C. Demetzos. Journal of Physics: Conference Series, 2017, 931.
- 15. "The significance of drug-to-lipid ratio to the development of optimized liposomal formulation" M. Chountoulesi, **N. Naziris**, N. Pippa, C. Demetzos. Journal of Liposome Research, 2017, 28. (Review Article)
- 16. "Pharmaceutical care: The driving force for patient-centered healthcare system". A. Siamidi, N. Naziris, N. Pippa, C. Demetzos. Pharmakeftiki, 2017, 29. (Review Article)
- 17. "Innovative drug nanocarriers by incorporating thermoresponsive polymer in phospholipid bilayers". A. Tzani, **N. Naziris**, N. Pippa, S. Pispas, C. Demetzos. Global Drugs and Therapeutics, 2017, 2.
- 18. "Morphological Diversity of Block Copolymer/Lipid Chimeric Nanostructures". <u>N. Naziris</u>, N. Pippa, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka. Journal of Nanoparticle Research, 2017, 19.
- 19. "Stimuli-responsive drug delivery nanosystems: from bench to clinic". <u>N. Naziris</u>, N. Pippa, S. Pispas, C. Demetzos. Current Nanomedicine 2016, 6. (Review Article)
- 20. "Design and development of pH-responsive HSPC:C₁₂H₂₅-PAA chimeric liposomes". N. Naziris, N. Pippa, A. Meristoudi, S. Pispas, C. Demetzos. Journal of Liposome Research, 2016, 27.
- 21. "Genes and Personality Characteristics: Possible Association of the Genetic Background with Intelligence and Decision Making in 830 Caucasian Greek Subjects". G. Marinos, N. Naziris, S. A. Limneos, N. Drakoulis, Meta Gene, 2014, 2.

Chapters in Books:

"Differential scanning calorimetry (DSC): an invaluable tool for the thermal evaluation of advanced chimeric liposomal drug delivery nanosystems". M. Chountoulesi, N. Naziris, N. Pippa, S. Pispas, C. Demetzos in Thermodynamics and Biophysics in Biomedical Nanosystems: Applications and practical considerations 2018, Eds. C. Demetzos, N. Pippa, Springer.

"The Thermal Analysis of Liposomal Formulations as an Element to Evaluate their Effectiveness as Drug and Vaccine Delivery Systems". N. Naziris, N. Pippa, S. Pispas, C. Demetzos in Liposomes: Historical, Clinical and Molecular Perspectives 2017, Ed. B.R. Pearson, Nova Science Publishers.

Conference Proceedings:

- "The Role of the Information/Entropy Balance in Self-assembly. The Structural Hierarchy of Chimeric Drug Delivery Nanosystems". N. Naziris, N. Pippa, S. Pispas, C. Demetzos in Pharmakeftiki, 2017, 29(4). Conference of the Hellenic Society of Nanotechnology in Health Sciences (HSnanoHS), 9th Conference + Exhibition in Management & Communication in Health, Athens, Greece, 21 Jan 2018. (Conference in Greek)
- "The Biophysics of Bio-responsive Drug Delivery Nanosystems through Physicochemical, Morphological and Toxicological Studies". N. Naziris, N. Pippa, D. Stellas, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka in Pharmakeftiki, 2017, 29(3). 18th Panhellenic Conference by the Panhellenic Association of Pharmacists (PEPharm), Athens, Greece, 6-8 Oct 2017. (Conference in Greek)
- 3. "Do genes correlate with intelligence?". M.S. Katsarou, **N. Naziris**, A. Athanasakis, A. Raptis, N. Drakoulis in Clinical Chemistry and Laboratory Medicine, 2017, 55. EuroMedLab, Athens, Greece, 11-15 Jun, 2017.
- 4. "Genes and Personality Characteristics: Study of the Effect of the Genetic Background in Intelligence and Decision Making in a Greek Population" G. Marinos, <u>N. Naziris</u>, N. Drakoulis (Chapter 4.7). 1st Thematic Symposium: "Contribution of Genetic Analyses in Predisposition, Diagnosis, Prognosis and Therapeutic Approach to Disease", Athens, Greece, 2-3 March 2013. (Conference in Greek)

Oral Presentations in Conferences:

- 1. "Linear Thermodynamic Behavior in Complex Chimeric Nanosystems". <u>N. Naziris</u>, A. Skandalis, S. Pispas, C. Demetzos. 8th Hellenic Conference of Thermal Analysis and Calorimetry of the Hellenic Society of Thermal Analysis (HSTA), Athens, Greece, 12-13 Oct 2018. (Conference in Greek)
- 2. "Kinetic study of the thermodynamic behavior of lipid bilayers in the presence of aminoadamantane drugs". M. Chountoulesi, A. Konstantinidi, N. Naziris, D. Kolokouris, A. Kolocouris, C. Demetzos, T. Mavromoustakos. 8th Hellenic Conference of Thermal Analysis and Calorimetry of the Hellenic Society of Thermal Analysis (HSTA), Athens, Greece, 12-13 Oct 2018. (Conference in Greek)
- 3. "Thermal analysis on the effect of quercetin-3-rutinoside-7-rhamnoside and flavonoids on model phospholipid membranes". C. Ganos, N. Naziris, M. Chountoulesi, K. Graikou, C. Demetzos. 8th Hellenic Conference of Thermal Analysis and Calorimetry of the Hellenic Society of Thermal Analysis (HSTA), Athens, Greece, 12-13 Oct 2018. (Conference in Greek)

- 4. "Thermotropic Effect of Rhustyphina Tannin on Model Membranes". N. Naziris, M. Chountoulesi, S. Sekowski, M. Zamaraeva, N. Abdulladjanova, C. Demetzos. 8th Hellenic Conference of Thermal Analysis and Calorimetry of the Hellenic Society of Thermal Analysis (HSTA), Athens, Greece, 12-13 Oct 2018. (Conference in Greek)
- 5. "The Role of the Information/Entropy Balance in Self-assembly. The Structural Hierarchy of Chimeric Drug Delivery Nanosystems". N. Naziris, N. Pippa, S. Pispas, C. Demetzos. Conference of the Hellenic Society of Nanotechnology in Health Sciences (HSnanoHS), 9th Conference + Exhibition in Management & Communication in Health, Athens, Greece, 21 Jan 2018. (Conference in Greek)
- 6. "Physicochemical characteristics of liposomes and their lyotropism influence for protein-liposome interactions in vitro". F. Papageorgiou, N. Naziris, N. Pippa, C. Demetzos. Conference of the Hellenic Society of Nanotechnology in Health Sciences (HSnanoHS), 9th Conference + Exhibition in Management & Communication in Health, Athens, Greece, 21 Jan 2018. (Conference in Greek)
- 7. "The Biophysics of Bio-responsive Drug Delivery Nanosystems through Physicochemical, Morphological and Toxicological Studies". **N. Naziris**, N. Pippa, D. Stellas, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka. 18th Panhellenic Conference by the Panhellenic Association of Pharmacists (PEPharm), Athens, Greece, 6-8 Oct 2017. (Conference in Greek)
- 8. "Connecting the Morphology with the Thermodynamic and Biophysical Properties of pH-responsive Chimeric Nanosystems". N. Naziris, N. Pippa, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka. Liposome Advances: Progress in Drug and Vaccine Delivery (ILS), Athens, Greece, 16-18 Sep 2017.
- 9. "Do genes correlate with intelligence?". M.S. Katsarou, <u>N. Naziris</u>, A. Athanasakis, A. Raptis, N. Drakoulis. EuroMedLab, Athens, Greece, 11-15 Jun, 2017.
- 10. "Morphology and biophysical properties of pH-responsive nanotechnological chimeric/mixed liposomal platforms as innovative drug delivery systems". N. Pippa, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka. 27th Interdisciplinary Research Conference on Injectable Biomaterials and Interventional Procedures (GRIBOI), Athens, Greece, 18-21 May 2017.
- 11. "Temperature-sensitization of HSPC liposomes by use of thermosensitive homopolymer PNIPAM". A. Tzani, **N. Naziris**, N. Pippa, A. Meristoudi, S. Pispas, C. Demetzos. 27th Interdisciplinary Research Conference on Injectable Biomaterials and Interventional Procedures (GRIBOI), Athens, Greece, 18-21 May 2017.
- 12. "How do genes influence personality". **N. Naziris**, N. Drakoulis. 2nd Congress of Pharmacogenomics and Personalized Diagnosis and Therapy: From Evidence-based Cohort Medicine to Knowledge-based Personalized Medicine, Athens, Greece, 4-6 Nov 2016.

Poster Presentations in Conferences:

1. "Chimeric Liposomes, Comprising Lipids and Stimuli-responsive Polymers". <u>N.</u>
Naziris, N. Pippa, V. Chrysostomou, A. Skandalis, S. Pispas, C. Demetzos. 11th

- Conference of the Hellenic Society of Biomaterials (HSB), Athens, 23-25 Nov 2018. (Conference in Greek)
- "Comparative Interactions of M2 WT channel blockers amantadine and its synthetic spiro[pyrrolidine-2,2'-adamantane] variant AK13 with membrane bilayers". A. Konstantinidi, N. Naziris, M. Chountoulesi, S. Kiriakidi, B. Sartori, D. Kolokouris, H. Amentisch, G. Mali,5 D. Ntountaniotis, C. Demetzos, T. Mavromoustakos, A. Kolocouris. 22nd EuroQSAR Conference: Translational and Health Informatics: Implications for Drug Discovery, Athens, Greece, 16-20 Sep, 2018.
- 3. "The Formation of Chimeric Nanomorphologies, as a Reflection of Naturally Occurring Thermodynamic Processes". N. Naziris, N. Pippa, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka. Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences (BIOMEP), Athens, Greece, 12-13 Oct 2017. (Conference in Greek)
- 4. "The Utility of the Drug-to-Lipid Ratio at the Optimization of The Liposomal Formulation." M. Chountoulesi, **N. Naziris**, N. Pippa, C. Demetzos. Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences (BIOMEP), Athens, Greece, 12-13 Oct 2017.
- 5. "Design, Preparation and Evaluation of pH-sensitive Liposomes with Incorporated Dimethoxycurcumin". M. Chountoulesi, N. Naziris, N. Pippa, C. Demetzos. 18th Panhellenic Conference by the Panhellenic Association of Pharmacists (PEPharm), Athens, Greece, 6-8 Oct 2017. (Conference in Greek)
- "Physicochemical Characterization of Liposomes in Biological Dispersion Media: The Role of Cholesterol and Lipidic Concentration". F. Papageorgiou, <u>N. Naziris</u>, N. Pippa, C. Demetzos. 18th Panhellenic Conference by the Panhellenic Association of Pharmacists, Athens (PEPharm), Greece, 6-8 Oct 2017. (Conference in Greek)
- "Application of DSC and Imaging Techniques on the Development of Innovative Chimeric/Mixed Nanosystems". N. Naziris, F. Saitta, N. Pippa, D. Stellas, V. Chrysostomou, S. Pispas, D. Fessas, C. Demetzos, M. Libera, B. Trzebicka. 13th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA), Loano, Italy 24-27 Sep 2017.
- 8. "Rational Development and Characterization of Chimeric pH-sensitive Liposomes as Novel Carriers of Dimethoxycurcumin" M. Chountoulesi, **N. Naziris**, N. Pippa, A. Meristoudi, S. Pispas, C. Demetzos. Liposome Advances: Progress in Drug and Vaccine Delivery (ILS), Athens, Greece, 16-18 Sep 2017.
- 9. "Design and Development of HSPC:C12H25-PNIPAM-COOH Chimeric Liposomes: a Physicochemical and thermotropic Approach". A. Tzani, **N. Naziris**, N. Pippa, A. Meristoudi, S. Pispas, C. Demetzos. Liposome Advances: Progress in Drug and Vaccine Delivery (ILS), Athens, Greece, 16-18 Sep 2017.
- "Self-assembly of chimeric systems composed of HSPC and pH-sensitive PDMAEMA-b-PLMA copolymers". N. Naziris, N. Pippa, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka. 28th Annual Meeting of the European Society for Biomaterials (ESB), Athens, Greece, 4-8 Sep 2017.

- 11. "The Contribution of Amphiphilic and pH-sensitive Diblock Copolymers in the Development of Functionalized Drug Delivery Nanosystems". N. Naziris, N. Pippa, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka. 3rd International Congress of Greek Local Chapter of Controlled Release Society (CRS), Athens, Greece, 19-20 Jun 2017.
- 12. "Design, Preparation and Evaluation of Chimeric pH-sensitive Liposomes Incorporating Dimethoxycurcumin" M. Chountoulesi, N. Naziris, N. Pippa, A. Meristoudi, S. Pispas, C. Demetzos. 3rd International Congress of Greek Local Chapter of Controlled Release Society (CRS), Athens, Greece, 19-20 Jun 2017.
- 13. "Thermo-responsive Chimeric Liposomes as Innovative Drug Nanocarriers". A. Tzani, N. Naziris, N. Pippa, A. Meristoudi, S. Pispas, C. Demetzos. 3rd International Congress of Greek Local Chapter of Controlled Release Society (CRS), Athens, Greece, 19-20 Jun 2017.
- 14. "Cryo-TEM Studies on the Scale-related Morphology of Block Copolymer/Lipid Chimeric Nano-assemblies for Pharmaceutical Applications". N. Naziris, N. Pippa, V. Chrysostomou, S. Pispas, C. Demetzos, M. Libera, B. Trzebicka. 6th FIP Pharmaceutical Sciences World Congress, Stockholm, Sweden, 21-24 May 2017.
- 15. "Controlled Drug Release from pH-responsive Polymer-grafted Phospholipid Bilayers". N. Pippa, A. Meristoudi, S. Pispas, C. Demetzos. 2nd International Congress of Greek Local Chapter of Controlled Release Society (CRS), Athens, Greece, 22-24 Jun 2016.
- 16. "HSPC:C₁₂H₂₅-PAA Innovative Nanocarriers for pH-responsive Drug Delivery". <u>N.</u> <u>Naziris</u>, N. Pippa, A. Meristoudi, S. Pispas, C. Demetzos. 7th Hellenic Conference of Thermal Analysis and Calorimetry (HSTA), Ioannina, Greece, 27-29 May 2016. (Conference in Greek)
- 17. "Do genes correlate with intelligence and decision making: A case-control study in Greek volunteers with elevated IQ". N. Drakoulis, M.S. Katsarou, G. Marinos, N. Naziris, A. Athanasakis. 3rd International Conference on Genomics & Pharmacogenomics, San Antonio, USA, 21-23 Sep 2015.
- "Temperature-Dependent Drug Release from DPPC: PNIPAM Chimeric Liposomes".
 N. Pippa, N. Naziris, C. Demetzos, S. Pispas. 10th Hellenic Polymer Society Conference, Patra, Greece, 4-6 Dec 2014.
- 19. "How Do Genes Influence Personality: a Research in 830 Greek Volunteers". G. Marinos, N. Naziris, N. Drakoulis. 7th Santorini Conference Biologie Prospective: Systems Medicine, Personalized Health and Therapy, Santorini, Greece, 25-27 Sep 2014.
- 20. "How Do Genes Influence Personality: a Research in 830 Greek Subjects". G. Marinos, N. Naziris, N. Drakoulis. 8th Biannual Meeting of the Hellenic (Greek) Society for Basic & Clinical Pharmacology, Athens, Greece, 23-24 May 2014.
- 21. "Genes and Personality Characteristics: Study of the Effect of the Genetic Background in Intelligence and Decision Making in a Greek population". G. Marinos, **N. Naziris**, N. Drakoulis. 1st Thematic Symposium: Contribution of Genetic Analyses in

Predisposition, Diagnosis, Prognosis and Therapeutic Approach to Disease, Athens, Greece, 2-3 Mar 2013.

Awards:

- ➤ Best Oral Presentation Award: "Linear Thermodynamic Behavior in Complex Chimeric Nanosystems". N. Naziris, A. Skandalis, S. Pispas, C. Demetzos. 8th Hellenic Conference of Thermal Analysis and Calorimetry (HSTA), Athens, Greece, 12-13 Oct 2018. (Conference in Greek)
- Best Poster Presentation Award: "Application of DSC and Imaging Techniques on the Development of Innovative Chimeric/Mixed Nanosystems". N. Naziris, F. Saitta, N. Pippa, D. Stellas, V. Chrysostomou, S. Pispas, D. Fessas, C. Demetzos, M. Libera, B. Trzebicka. 13th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA), Loano, Italy 24-27 Sep 2017.

Training and Lifelong Learning:

- ➤ Cancer Immunotherapy 2017: Progresses and Challenges, Paris, France, 27-28 Nov 2017.
- ➤ Training on the Avestin Europe GmbH EmulsiFlex-C5 High Pressure Homogenizer with Optional 47mm Filter/Extruder by Avestin, Mannheim, Germany, 7 Nov 2017.
- ➤ Seminar on Industrial Evaporation, Spray Drying, Freeze Drying, Prep Chrom and Parallel Evaporation by Hellamco and Buchi, Athens, Greece, 10 Oct 2017.
- Reviewer Workshop of Elsevier Publishing Campus, European Society for Biomaterials Annual Meeting, Athens, Greece, 6 Sep 2017.
- ➤ 52nd Summer School of National Center for Scientific Research (NCSR) Demokritos, Athens, Greece, 3-14 Jul 2017.
- ➤ Workshop on the Methodology of Searching the Bibliography and Writing a Scientific Essay Bibliography as a "Multipotent Tool" for Science, Athens, Greece, 25 Nov 2016.
- ➤ 1st Summer Training School on Thermal Analysis Medicta 2013, Athens, Greece, 15 Jun 2013.

Reviewer:

➤ Journal of Liposome Research

Other Papers:

- "Quality by Design", under the Supervision of Associate Professor Dimitrios Rekkas.
- ➤ "Process Validation and Continuous Process Verification", under the Supervision of Associate Professor Dimitrios Rekkas.
- ➤ "Genes and Personality Characteristics: Study of the Effect of the Genetic Background in Intelligence and Decision Making in 830 Greek Subjects", under the Supervision of Assistant Professor Nikolaos Drakoulis.

Languages:

- ➤ Mother Tongue: Greek
- > English Fluent
- Certificate of Proficiency in English by the University of Michigan (Level C2)
- ➤ Certificate in Advanced English by the University of Cambridge (Level C1)
- Russian Basic Knowledge (Level A1)
- French Basic Knowledge (Level A1)

Other Qualifications and Personal Skills:

- Excellent Digital Competence and Command of Microsoft Office Suite (Word, Excel, PowerPoint, Access)
- ➤ Diploma in Classical Guitar by the Ministry of Education, Research and Religious Affairs (*Grade: Excellent*)
- Graduate of Attiko Conservatory Athina (Classical Guitar)
- ➤ Degree in Classical Guitar by the Ministry of Education, Research and Religious Affairs (*Grade: Excellent*)
- ➤ Graduate of Halkidonio Conservatory New Philadelphia (Classical Guitar, Harmony, Solfege, Teaching, History, Morphology, Choir, Chamber Music and *Prima Vista*)