

Curriculum Vitae



Name: Ioannis (Yiannis) Sarigiannis

E-mail: sarigiannis.i@unic.ac.cy, y.sarigiannis@gmail.com

Education

University of Patras, Patras, Greece

PhD. Department of Chemistry, Feb 2006.

Thesis: [Synthesis of RGD analogs incorporating salicylic acid derivatives and study of anticoagulant activity](#)

Mentor: Prof. George Stavropoulos

PhD Research Fellow by the K. Karatheodori Project of Basic Research: Anticoagulants – Design, Synthesis and Development of Thrombin Inhibitors. Funded by Research Committee of the University of Patras

University of Patras, Patras, Greece

[MSc in Medicinal Chemistry: Drug Discovery and Design](#) Feb 2000.

Master's Thesis: Synthesis of RGD analogs incorporating salicylic acid derivatives and study of their biological activity

Mentor: Prof. George Stavropoulos

Fellow in the Research Project entitled "Medicinal Chemistry: Design and Development of Pharmaceutical Products". Funded by Ministry of National Education

University of Patras, Patras, Greece

BSc in Chemistry July 1998

Diploma Thesis: Salicyl peptides. Inhibitors of Human Platelet Aggregation in vitro

Positions Held:

Research

Experience

Associate Professor at the Department of Health Sciences (Pharmacy Program) at University of Nicosia. Projects on Protein and Peptide Chemistry including isolation and synthesis of bioactive peptides, development of new peptide synthesis methods, synthesis of peptides for biomaterials, drug delivery, peptronics, venom peptides)

(July 2023 –)

Assistant Professor at the Department of Life & Health Sciences (Pharmacy Program) at University of Nicosia, Cyprus. Projects on Protein and Peptide Chemistry including isolation and synthesis of bioactive peptides, development of new peptide synthesis methods, synthesis of peptides for biomaterials, drug delivery, peptronics, venom peptides)

(June 2018 – June 2023)

Adjunct Faculty at the Department of Life & Health Sciences (Pharmacy Program) at University of Nicosia, Cyprus. Supervision of student diploma projects on synthesis of bioactive peptides, development of new peptide synthesis methods, synthesis of peptides for biomaterials, drug delivery (Sept 2016 – June 2018)

Post-Doctoral Researcher at the University of Pennsylvania, Perelman School of Medicine, Department of Pathology and Laboratory Medicine, Philadelphia, USA

Advisor: John D Lambris

The work involved synthesis of peptides and conjugates acting as complement inhibitors (August 2014 – August 2016)

Supported by the Research Project entitled: *Complement Therapeutics*, NIH PO1-AI069730 and 564036

Senior Researcher at the University of Patras, Department of Materials Science, Patras, Greece

Advisor: K Avgoustakis, A. Bakandritsos

The work involved the synthesis of super paramagnetic iron oxide nanoparticles, multifunctional nanoparticles, physicochemical characterization, and evaluation of their properties for controlled release of anticancer drugs. (May 2012 – April 2014)

Supported by the Greek – Czech Cooperation Research Project entitled *“RUBIMAG: Hybrid Magnetic “Stealth” Nano-Structures for the Targeted and Controlled Release of Doxorubicin”*. Funded by European Union and National General Secretariat for Research and Technology

Supported by the research project entitled *“THALIS - Development of multifunctional super paramagnetic nanoparticles for the targeted delivery anticancer drugs”* Funded by European Union and Ministry of National Education”

Research Scientist at the Peripheral Plant Protection Center and Quality Control of Patras, Patras, Greece

Advisor: V. Sfika

Development a low-cost method for the determination of Ochratoxin A in wines by FLD. The method was accredited by the National Accreditation System. (Nov2011 – Apr 2012)

Short Term Visitor Fellow in Institute of Sciences of Food Production (CNR-ISPA), in Bari, Italy

Advisor: A. Visconti, A. De Girolamo

The presence of ochratoxin A (OTA), fumonisin B 2 (FB 2) and black aspergilli in raisins from Western Greece regions (Messinia, Corinthia, Achaia, Ilia and Zante Island) was investigated in relation to the different geographic and climatic conditions in the 2011 growing season. This is **the first report** on the co-occurrence of the mycotoxins OTA and FB 2 in dried vine fruits from Greece. (Sep 2011 – Oct 2011)

Supported by MycoRed (FP7- Food Quality and Safety Priority - GA 222690)

Research Scientist at the accredited for EN ISO/IEC 17025 Toxin Analysis Lab of the University of Patras

Advisor: G. Karaiskakis

Development of research activities of Toxin Analysis Lab “ELETOM” of the University of Patras. Method development for the determination of Mycotoxins in foodstuff and feed.

(2008 – 2009)

Supported by the research project entitled *“Development of research activities of the laboratory of mycotoxins analysis, aiming to improve food industry competitiveness in the Region of Western Greece”*. Funded by General Secretariat for Research and Technology

Post-Doctoral Researcher at the University of Patras in the areas of Solid Phase Peptide Synthesis of Bioactive Peptides and Peptidomimetics

Advisor: G. Stavropoulos

Synthesis and Development of peptides and peptidomimetics targeting FVIII – FIX interaction sites.

(May 2006 – Dec 2008)

Supported by the research project entitled *“03ED569: Design, synthesis, biological evaluation and study of anticoagulant activity of peptides or peptidomimetics of FIX with the aim of discovering new antithrombotic drugs”*. Funded by General Secretariat for Research and Technology and Sanofi – Aventis SA.

Supported by the research project entitled *“PYTHAGORAS II – (Perylene) – o-quinone methides in Alkylation and Cross (X) – conjugation of Biomacromolecules: Synthesis and Study of Conjugates with Amino Acids and Peptides”*. Funded by the Ministry of National Education and Religious Affairs **Post-Doctoral Researcher at the University of Patras** on the areas of Conotoxin Synthesis

Advisor: P. Cordopatis

Method Development for the Synthesis of the natural conotoxin XEP - 018

(May 2006 – Dec 2008)

Supported by *“CONCO – Applied venomics of the cone snail species Conus Consors for the accelerated, cheaper, safer and more ethical production of innovative biomedical drugs”*. Funded by European Union (FP6-LIFESCIHEALTH – 37592)

During Military Service, I served as *Lab Assistant* in Health Services of the Hellenic Army (Sep 2004 – Sep 2005)

Leadership

- **Associate Professor** at the Department of Health Sciences (Pharmacy Program) at University of Nicosia (**2023 –**)
- **Instructor** at the MSc in Development of New Drugs at the Medical School of the National and Kapodistrian University of Athens, Greece (**2025 -**)
- **Instructor** at the MSc in Biotechnology at the Cyprus Institute Neurology and Genetics, Cyprus (**2023 -**)
- **Assistant Professor** at the Department of Life & Health Sciences (Pharmacy Program) at University of Nicosia, Cyprus (**2018 – 2023**)
- **Instructor** at the MSc in Precision Medicine, Aristotle University of Thessaloniki, Greece (**2021 -**)
- **Instructor** at the MSc in Cosmetics, International Hellenic University, Greece (**2021 -**)
- **Adjunct Assistant Professor** at the Department of Life & Health Sciences (Pharmacy Program) at University of Nicosia, Cyprus (**2016 – 2018**)
- **Adjunct Assistant Professor** at the Department of Food Technology at TEI of Peloponnese (Laboratory courses in Chemistry, supervising 9 undergraduate students in their diploma projects) (**2005 – 2014**)
- **Adjunct Assistant Professor** (Laboratory courses in Chemistry) at the Department of Environmental Technology and Ecology, TEI of Ionian Islands (**2012 – 2013**)
- **Adjunct Lecturer** at the Department of Chemistry at the University of Patras (Courses: Experimental Organic Chemistry I and II, co-supervising 2 Undergraduates, 3 MSc and 1 PhD students in their projects). (**2008 – 2011**)
- *Held part-time teaching posts* in chemistry at local high schools and colleges and tutor for undergraduate courses at the University of Patras (**1998 – 2004**)

Areas of Concentration/ Research Interests:

BioOrganic Chemistry, Peptide Chemistry

Isolation, Synthesis and Biological Evaluation of Bioactive Peptides and Peptidomimetics.

Development of Chromatographic Methods for contaminants analysis in Biological Samples

Development of Nanomaterials and their Applications in Biomedicine

Professional Associations

- **Member of** European Peptide Society
- **Member of** American Chemical Society
- **Member of** International Society on Toxinology
- **Member of** International Mycotoxins Society
- **Member of** Greek Green Chemistry Network
- **Member of** Greek Chemists Association
- **Head of the** Department of Western Greece and Peloponnese of Greek Chemists Association (2013-2014)

Funding (grants, contracts, research awards)

Grants - Networks

Grants

- **Cost Innovators Grant – IG19144 Venomate**, European Cooperation in Science and Technology, Partner of the Project
- **CODEVELOP - CODEVELOP/0824/0137**, RIF, 450K euros, Partner of the Project with Rose Factory, Agros, Cyprus.
- **CODEVELOP-AG-SH-HE/0823/00164**, RIF, 700K euros, Partner of the Project with Advance Materials Design & Manufacturing LTD (AmaDema), Cyprus.
- **CODEVELOP-ICT-HEALTH/0322/0038**, RIF, 700K euros, Academic Coordinator of the Project with the Pharma Industry, Biogena API Ltd, Limassol, Cyprus
- **INNOVOUCHERS/0722/0009**, RIF, 5K euros, Academic Coordinator of the Project with the Pharma Industry, Biogena API Ltd, Limassol, Cyprus
- **HORIZON-EIC-2023-PATHFINDEROPEN-01-01** Seal of Excellence from European Commission

Networks

Cost Action 23111 SNOOPY – Searching for Nanostructured or pOre fOrming Peptides for therapY, Member of the Management Committee, Co Leader of the Working Group 4 for Communication & Dissemination (10/2024 – 10/2028)

Cost Action 19144 – EUVEN – European Venom Network (10/2020 – 10/2024)

Awards/Distinctions:

Fellowships and Awards	Short term visitor Scientist 2013 at the Regional Centre of Advanced Technologies and Materials, Departments of Physical Chemistry and
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Experimental Physics, Faculty of Science, Palacky University,
Olomouc, Olomouc, Czech Republic
Short term visitor Scientist 2012 at the Regional Centre of Advanced
Technologies and Materials, Departments of Physical Chemistry and
Experimental Physics, Faculty of Science, Palacky University,
Olomouc, Olomouc, Czech Republic
Short Term Visitor Fellow 2011 by MycoRed (FP7- Food Quality and
Safety Priority - GA 222690)
Fellow in INTERREG IIIA "INNOVA Project: Cooperation in the fields
of Research, Development and Technology Transfer in Agrofood
Sector, *Greece – Italy 2000 – 2006.*
Panhellenic New Researcher Fellowship from Leonidas Zervas
Foundation 2002
Travel Grant for 27th European Peptide Symposium, August 31 –
September 6, 2002, Sorrento, Italy
PhD Research Fellow "K. Karatheodori", University of Patras, 2000-
2003
Fellow in the INTERREG II, Greece – Italy, 2000

Languages:

English: Very Good, *Italian:* Basic *Greek:* Native

Research & Publications

Doctoral Dissertation:

PhD. Department of Chemistry, Feb 2006.

Thesis: [Synthesis of RGD analogs incorporating salicylic acid derivatives and study of anticoagulant activity](#)

Mentor: Prof. George Stavropoulos

PhD Research Fellow by the K. Karatheodori Project of Basic Research: Anticoagulants – Design, Synthesis and Development of Thrombin Inhibitors. Funded by Research Committee of the University of Patras

Chapters in Books

Elena A. Mourelatou, Elias Iosif, Eleftheria Galatou, Yiannis Sarigiannis, Manos C. Vlasiou, Lefteris Zacharia, Christos C. Petrou, [Application of artificial intelligence in pharmaceutical development, in Novel Formulations and Future Trends](#), Academic Press, 2024, Pages 415-451

Clinical Trials of Nanovesicles for Drug Delivery uses. E. Mourelatou, E. Galatou, **Y. Sarigiannis**, L. Zacharia, M. Plioukas, G. Aislaitner, C. Petrou in [Applications of Nanovesicular Drug Delivery II Elsevier Ltd](#) 2022, 467 - 486

Nanotechnology-Based Formulations for Ocular Drug Delivery: Past, Present and Beyond, E. Mourelatou, **Y.Sarigiannis**, C. Petrou in Applications of Nanovesicular Drug Delivery II (Elsevier by Drs. Raj Bawa and Gerald F. Audette) **in press**

Ocular Drug Delivery nanoSystems: Recent Developments and Future Challenges. E. Mourelatou, **Y.Sarigiannis**, C. Petrou in Drug Delivery Nanosystems: From Bioinspiration and Biomimetics to Clinical Applications (Pan Stanford by C Demetzos and N Pippa) **2019**
<https://doi.org/10.1201/9780429490545>

Peptides Synthesis: Methods, Trends and Challenges. C. Petrou and **Y. Sarigiannis**. In Peptide Applications in Biomedicine, Biotechnology and Bioengineering (Elsevier by S. Koutsopoulos) 1-21, **2018** ISBN: 978-0-08-100736-5 (print) <http://dx.doi.org/10.1016/B978-0-08-100736-5.00001-6>

[Synthesis of RGD analogs incorporating moiety of Salicylic Acid Derivatives and their effect on human platelet aggregation in vitro](#) **Y. Sarigiannis**, G. Stavropoulos and M. Liakopoulou-Kyriakides. Biomedical and Health Research Bioactive Peptides in Drug Discovery and Design: Medical Aspects (IOS Press, J Matsoukas and T. Mavromoustakos Eds) 55, 13-19, **2002** ISBN: 1-58603-261-5

[Salicyl-peptides: Inhibitors of Human Platelet Aggregation in vitro.](#) George Stavropoulos, Maria Liakopoulou-Kyriakides, **Yiannis Sarigiannis**, Vassiliki Magafa, Zachos Sinakos and Atle Aaberg. Biomedical and Health Research Bioactive Peptides in Drug Discovery and Design: Medical Aspects (IOS Press, J. Matsoukas and T. Mavromoustakos (Eds.) 22, 153-162, **1999** ISBN: 90-5199-425-7

Journal Articles

Traditional Dairy and Olive Food Preferences Are Associated with Mediterranean Diet Adherence in Cyprus. Eleni P Andreou, Panayiota Tsokkou, Panayiota Theophilou, Christina Kritikou, Abdallah Kanaan, Stella A Nicolaou, Evelina Charidemou, **Yiannis Sarigiannis**, Christoforos D Giannaki, Christoforos Christoforou, Christos Papaneophytou. 2026 *Foods*; 15 (17):3024

Ultra-Short Peptide Hydrogels as 3D Bioprinting Materials. In, D., Miliotou, A. N., Sifaka, P. I. & **Sarigiannis, Y.**, 2026 *Gels*. 12, 1, 49.

Green, Ultrasound-Assisted Extraction for Carvacrol-Rich *Origanum dubium* Extracts: A Multi-Response Optimization Toward High-Value Phenolic Recovery Psychoudaki, M., **Sarigiannis, Y.** & Hapeshi, E., 2025, *Molecules*. 30, 23, 4620.

Innovative Detection and Mitigation of Ergot Alkaloids in Cereals: Advancing Food Safety Balatsou, M., Koutsaviti, A., **Sarigiannis, Y.** & Petrou, C. C., 2025, *Metabolites*. 15, 12, 778.

The biology and toxinology of blunt-nosed vipers

Avella, I., Damm, M., Di Nicola, M. R., Dresler, J., İğci, N., Kariş, M., Kazemi, S. M., Kreuels, B., Paolino, G., **Sarigiannis, Y.**, Vilcinskas, A., Wüster, W. & Lüddecke, T., 2025, *NPJ Biodiversity*. 4, 1, 21.

Immunomodulatory Effects and Potential Therapeutic Application of Melittin in HER2-Expressing Breast Cancer Cells

Kaya, B., **Sarigiannis, Y.** & Nalbantsoy, A., 2025, *International Journal of Peptide Research and Therapeutics*. 31, 6, 110.

Matrix-Guided Vascular-like Cord Formation by MRC-5 Lung Fibroblasts: Evidence of Structural and Transcriptional Plasticity

Theodoroula, N. F., Giannopoulos-Dimitriou, A., Saiti, A., Papadimitriou-Tsantarliotou, A., Miliotou, A. N., Vatsellas, G., **Sarigiannis, Y.**, Galatou, E., Petrou, C., Fatouros, D. G. & Vizirianakis, I. S., 2025, *Cells*. 14, 19, 1519.

Beyond Efficacy: Ensuring Safety in Peptide Therapeutics through Immunogenicity Assessment

Achilleos, K., Petrou, C., Nicolaidou, V. & **Sarigiannis, Y.**, 2025, *Journal of Peptide Science*. 31, 6, e70016.

Antileishmanial activity of *Ptilostemon chamaepeuce* subsp. *cyprius*

Schou, C., Mukavi, J., Sendker, J., Miliotou, A., Christodoulou, V., **Sarigiannis, Y.**, Jovanovic, A., Schmidt, T. J. & Karanis, P., May 2025, *Microbial Pathogenesis*. 202, 107441.

Unraveling the Molecular Mechanisms of Synthetic Acetyl Hexapeptide in E-Cadherin Activation for Tissue Rejuvenation

Topouzidou, N., Miliotou, A. N., Nodaraki, D., Galatou, E., Petrou, C. & **Sarigiannis, Y.**, Apr 2025, In: *Cosmetics*. 12, 2, 48.

Targeting Bacterial Communication: Evaluating Phytochemicals as LuxS Inhibitors to Disrupt Quorum Sensing

Sarigiannis, Y. & Papaneophytou, C., Dec 2024, In: Macromol. 4, 4, p. 753-771 19 p.

Odontites linkii subsp. cyprius Ethanolic Extract Indicated In Vitro Anti-Acanthamoeba Effect

Schou, C., Kolören, Z., Sendker, J., Sarigiannis, Y., Jovanovic, A. & Karanis, P., Nov 2024, In: Microorganisms. 12, 11, 2303.

27. Application of metabolomics, peptidomics and proteomics in human nutrition and health Hapeshi, E., Samanidou, V., Sarigiannis, I., Petrou, C. & Vorkas, P., 2024, In: Frontiers in Chemistry. 12, 1504501.

Short-Chained Linear Scorpion Peptides: A Pool for Novel Antimicrobials

Panayi, T., Diavoli, S., Nicolaidou, V., Papaneophytou, C., Petrou, C. & Sarigiannis, Y., May 2024, In: Antibiotics. 13, 5, 422.

Editorial: Application of metabolomics, peptidomics and proteomics in human nutrition and health

Hapeshi, E., Samanidou, V., Sarigiannis, I., Petrou, C. & Vorkas, P., 2024, In: Frontiers in Chemistry. 12, 1504501.

Green Extraction Techniques for the Determination of Active Ingredients in Tea: Current State, Challenges, and Future Perspectives

Koina, I. M., Sarigiannis, Y. & Hapeshi, E., Feb 2023, In: Separations. 10, 2, 121. [Best paper Award for 2023](#)

Complement-regulatory biomaterial coatings: Activity and selectivity profile of the factor H-binding peptide 5C6

Bechtler, C., Koutsogiannaki, S., Umnyakova, E., Hamid, A., Gautam, A., Sarigiannis, Y., Pouw, R. B., Lamers, C., Rabbani, S., Schmidt, C. Q., Lambris, J. D. & Ricklin, D., 1 Jan 2023, In: Acta Biomaterialia. 155, p. 123-138 16 p.

Anti-Quorum-Sensing Potential of Ethanolic Extracts of Aromatic Plants from the Flora of Cyprus

Panayi, T., Sarigiannis, Y., Mourelatou, E., Hapeshis, E. & Papaneophytou, C., Oct 2022, In: Plants. 11, 19, 2632.

A novel sensitive analytical method for the simultaneous analysis of vancomycin and teicoplanin in human urine via single high-performance liquid chromatography coupled with photodiode array and mass spectrometry in series

Giakoumaki, M., Sarigiannis, Y. & Hapeshi, E., Jul 2022, Journal of Separation Science. 45, 14, p. 2566-2581 16 p. - ([Back Cover of the Issue](#))

Seroprevalence of immunoglobulin G antibodies against SARS-CoV-2 in Cyprus

Papaneophytou, C., Nicolaou, A., Pieri, M., Nicolaidou, V., Galatou, E., Sarigiannis, Y., Pantelidou, M., Panayi, P., Thoma, T., Stavrakaki, A., Argyrou, X., Kalogiannis, T., Yiannoukas, K., Petrou, C. C. & Felekakis, K., Jun 2022, In: PLoS ONE. 17, 6 June, e0269885.

Analytical quality-by-design optimization of UHPLC method for the analysis of octreotide release from a peptide-based hydrogel in-vitro

Tzanavaras, P. D., Chatzitaki, A. T., Karavasili, C., **Sarigiannis, Y.**, Fatouros, D. G. & Zacharis, C. K., 30 May 2022, In: Journal of Pharmaceutical and Biomedical Analysis. 214, 114699.

NGI-WY-Amide: A Bioinspired Ultrashort Self-Assembled Peptide Gelator for Local Drug Delivery Applications

Theodoroula, N. F., Karavasili, C., Vlasίου, M. C., Primikyri, A., Nicolaou, C., Chatzikonstantinou, A. V., Chatzitaki, A. T., Petrou, C., Bouropoulos, N., Zacharis, C. K., Galatou, E., **Sarigiannis, Y.**, Fatouros, D. G. & Vizirianakis, I. S., Jan 2022, In: Pharmaceutics. 14, 1, 133.

Eugenol emulsions stabilized by a natural-derived nonionic palmitate surfactant/polyacrylic acid complex

Pafiti, K. S., Kourtis, K. I., **Sarigiannis, Y.**, Petrou, C. C. & Vlasίου, M. C., 5 Dec 2021, Colloids and Surfaces A: Physicochemical and Engineering Aspects. 630, 127559.

Density functional theory studies and molecular docking on xanthohumol, 8-prenylnaringenin and their symmetric substitute diethanolamine derivatives as inhibitors for colon cancer-related proteins

Vlasίου, M. C., Petrou, C. C., **Sarigiannis, Y.** & Pafiti, K. S., Jun 2021, Symmetry. 13, 6, 948.

The new COST Action European Venom Network (EUVEN) - Synergy and future perspectives of modern venomics

Modica, M. V., Ahmad, R., Ainsworth, S., Anderluh, G., Antunes, A., Beis, D., Caliskan, F., Serra, M. D., Dutertre, S., Moran, Y., Nalbantsoy, A., Oukkache, N., Pekar, S., Remm, M., Von Reumont, B. M., **Sarigiannis, Y.**, Tarallo, A., Tytgat, J., Undheim, E. A. B. & Utkin, Y. & 3 others, Verdes, A., Violette, A. & Zancolli, G., 1 Mar 2021, In: GigaScience. 10, 3

Structural implications for the formation and function of the complement effector protein iC3b

Papanastasiou, M., Koutsogiannaki, S., **Sarigiannis, Y.**, Geisbrecht, B. V., Ricklin, D. & Lambris, J. D., 15 Apr 2017, In: Journal of Immunology. 198, 8, p. 3326-3335 10 p.

Method development and validation for the quantitation of the complement inhibitor Cp40 in human and cynomolgus monkey plasma by UPLC-ESI-MS

Primikyri, A., Papanastasiou, M., **Sarigiannis, Y.**, Koutsogiannaki, S., Reis, E. S., Tuplano, J. V., Resuello, R. R. G., Nilsson, B., Ricklin, D. & Lambris, J. D., 15 Jan 2017, Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences. 1041-1042, p. 19-26 8 p.

Optical, electrochemical, and sensing properties of polyfluorenes bearing thiazole or oxazole and triphenylamine in the main chain Sarigiannis, Y. & Spiliopoulos, I. K., 15 Jan 2017, Journal of Polymer Science, Part A: Polymer Chemistry. 55, 2, p. 243-254 12 p.

Peptide synthesis: Methods, trends, and challenges Petrou, C. & Sarigiannis, Y., 1 Jan 2017, Peptide Applications in Biomedicine, Biotechnology and Bioengineering. Elsevier, p. 1-21 21 p.

Synthesis and evaluation of condensed magnetic nanocrystal clusters with in vivo multispectral optoacoustic tomography for tumour targeting. Sarigiannis, Y., Kolokithas-Ntoukas, A., Beziere, N., Zbořil, R., Papadimitriou, E., Avgoustakis, K., Lamprou, M., Medrikova, Z., Rousalis, E., Ntziachristos, V. & Bakandritsos, A., 1 Jun 2016, In: Biomaterials. 91, p. 128-139 12 p.

Ochratoxin A levels in Greek retail wines. Sarigiannis, Y., Kapolos, J., Koliadima, A., Tsegenidis, T. & Karaiskakis, G., Aug 2014, In: Food Control. 42, p. 139-143 5 p.

Cyclic peptide analogs of 558-565 epitope of A2 subunit of Factor VIII prolong aPTT. Toward a novel synthesis of anticoagulants Anastasopoulos, C., Sarigiannis, Y. & Stavropoulos, G., 1 Apr 2014, In: Amino Acids. 46, 4, p. 1087-1096 10 p.

Fabrication, characterization, and evaluation in drug release properties of magnetoactive poly(ethylene oxide)-poly(l -lactide) electrospun membranes Savva, I., Odysseos, A. D., Evaggelou, L., Marinica, O., Vasile, E., Vekas, L., Sarigiannis, Y. & Krasia-Christoforou, T., 9 Dec 2013, In: Biomacromolecules. 14, 12, p. 4436-4446 11 p.

Occurrence of ochratoxin A, fumonisin B₂ and black aspergilli in raisins from Western Greece regions in relation to environmental and geographical factors Perrone, G., De Girolamo, A., Sarigiannis, Y., Haidukowski, M. E. & Visconti, A., Jul 2013, In: Food Additives and Contaminants - Part A. 30, 7, p. 1339-1347 9 p.

A novel approach in potential anticoagulants from peptides epitope 558-565 of A2 subunit of factor VIII Anastasopoulos, C., Sarigiannis, Y. & Stavropoulos, G., Apr 2013, In: Amino Acids. 44, 4, p. 1159-1165 7 p.

Optical and electrochemical properties of polyfluorenes with pyridine-triphenylamine bipolar unit Sarigiannis, Y. & Spiliopoulos, I. K., Feb 2013, In: Polymer International. 62, 2, p. 196-203 8 p.

Peptidomimetic-functionalized carbon nanotubes with antitrypsin activity Karousis, N., Papi, R. M., Siskos, A., Vakalopoulou, P., Glezakos, P., Sarigiannis, Y., Stavropoulos, G., Kyriakidis, D. A. & Tagmatarchis, N., Dec 2009, In: Carbon. 47, 15, p. 3550-3558 9 p.

Conjugation of resveratrol with RGD and KGD derivatives Koutsas, C., Sarigiannis, Y., Stavropoulos, G. & Liakopoulou-Kyriakides, M., Oct 2007, In: Protein and Peptide Letters. 14, 10, p. 1014-1020 7 p.

Novel synthetic RGD analogs incorporating salicylic acid derivatives show antiplatelet activity in vitro Sarigiannis, Y. M., Stavropoulos, G. P., Liakopoulou-Kyriakides, M. T. & Makris, P. E., 2002, In: Letters in Peptide Science. 9, 2-3, p. 101-109 9 p.

Synthetic tripeptides (RGD analogs) incorporating moiety of salicylic-derivatives strongly inhibit platelet function in vitro Sarigiannis, Y., Stavropoulos, G., Liakopoulou-Kyriakides, M. & Makris, P. E., 2002, In: Review of Clinical Pharmacology and Pharmacokinetics, International Edition. 16, 1, p. 43 1 p.

Synthesis of RGD analogues incorporating the salicyl-residue and their effect on human platelet aggregation in vitro Magafa, V., Liakopoulou-Kyriakides, M., **Sarigiannis, Y.**, Stavropoulos, G. & Sinakos, Z., 1999, In: Amino Acids. 17, 1, p. 111 1 p.

Biological Activities of Analogues of Ser-Val-Gly-Glu (AS-I), a Toxin Pathogenic to Sunflower Liakopoulou-Kyriakides, M., Metaxas, A., **Sarigiannis, Y.**, Magafa, V., Stavropoulos, G., Laidou, I. & Thanassouloupoulos, C. C., Jul 1998, In: Journal of Phytopathology. 146, 5-6, p. 279-282 4 p.

Bulletins or Reports

Abstracts

- 73 [Immunological and antimicrobial effects of venoms of endemic species of Cyprus](#)
Tolis Panayi, Michalis Chrysanthou, Danae Melanthiou, Eleni Argyro Themistokli, Christos Papaneophytou, Christos Petrou, **Yiannis Sarigiannis**, Vicky Nicolaidou
The 2nd International Electronic Conference on Toxins
- 72 [Natural Peptides and Plant Extracts protect Skin Cells in culture against venom-induced cytotoxicity](#)
Themistoklis Kapsiochas, Georgia-Eirini Deligiannidou, Spiridoula Diavoli, Aglaia Pappa, Christos Petrou, Christos Kontogiorgis, **Yiannis Sarigiannis**
The 2nd International Electronic Conference on Toxins
- 71 **Short and Ultra Short Peptides: Less is More.** Invited Lecture in [European Peptide Synthesis Symposium 28 Feb- 2 Mar, Leeds, UK](#)
70. Evaluation of nanocarriers for the encapsulation and antimicrobial activity enhancement of *Origanum vulgare* subsp. *hirtum* extract
Aggelos Odysseakis, Tolis Panayi, **Yiannis Sarigiannis**, Evroula Hapeshi, Christos Papaneophytou, Elena Mourelatou
80th FIP World Congress of Pharmacy and Pharmaceutical Sciences 2022, 18-22 September 2022, Seville, Spain
69. Antimicrobial activities of phytochemicals from aromatic plants of Cyprus
Tolis Panayi, **Yiannis Sarigiannis**, Elena Mourelatou, Evroula Hapeshi, Christos Papaneophytou
The Biochemistry Global Summit, 9th – 14th July 2022, Lisbon, Portugal
- 68 NGIWY-amide: A Bioinspired Ultrashort Self-Assembled Peptide Gelator for Local Drug Delivery Applications Nikoleta Theodoroula, Christina Karavasili, Aikaterini – Theodora Chatzitaki, Christos Petrou, Manos Vlasiou, **Yiannis Sarigiannis**, Ioannis Vizirianakis, Dimitrios Fatouros. 13th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Rotterdam, Netherlands, 28-31 March 2022
- 67 Charging the Protecting Groups of Amino Acids. Nefeli Magaliou, Manos Vlasiou, Andreas Michaelides, Christos Petrou, and **Yiannis Sarigiannis**. 5th EUChemS Conference on Green

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- 64 NMR spectroscopic Screening of crude venom of *Mesobuthus Cyprius*
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- 63 A regulatory science viewpoint on herbal medicinal products. Christina Kyriakou, **Yiannis Sarigiannis** and Christos Petrou, **12th International Phytocosmetics and Phytotherapy Congress**, Athens, Greece May 2021
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- 59 [Searching for alternative solid supports for solid phase peptide synthesis. The example of Sea Sponge](#) M. Stratidakis & **Y. Sarigiannis**. P41 in **13th Conference in Chemistry Cyprus – Greece**, 31/10 – 3/11 2019 Nicosia, Cyprus
- 58 [Application of Retro – Inverso technique in the synthesis of Anti-aging peptides](#) S. Sgourali & **Y. Sarigiannis** P57 in **13th Conference in Chemistry Cyprus – Greece**, 31/10 – 3/11 2019 Nicosia, Cyprus
- 57 [Development of the methodology for the synthesis of the \$\beta\$ -amyloid \(1-42\) peptide](#) D. Papathanasiou & **Y. Sarigiannis**. P53 in **13th Conference in Chemistry Cyprus – Greece**, 31/10 – 3/11 2019 Nicosia, Cyprus

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- 51 Anti-Aging peptides: Breaking the frontiers of cosmetology, **Yiannis Sarigiannis**, **1st Mediterranean Congress of Antiaging Medicine** 13 - 14 April 2019, Larnaca, Cyprus
- 50 Bioactive peptides in cosmeceuticals, Despoina Kousoulou, **Yiannis Sarigiannis**, Ch Petrou **International Phytocosmetics &Phytotherapy Congress (IPPC2017)** 15-17 May 2017, Patras, Greece
49. Characterization and optimization of the Factor H-binding peptide 5C6 as complement-protective coating of artificial surfaces

Daniel Ricklin, Sophia Koutsogiannaki, **Yiannis Sarigiannis**, Malvina Papanastasiou, Siddhi Ramesh, Sarah Hughes, Christoph Schmidt, Kristina Ekdahl, Bo Nilsson and John Lambris

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48. Factor H-binding peptides as protective coating of artificial surfaces and beyond: characterization, optimization and applications
Daniel Ricklin, Sophia Koutsogiannaki, **Yiannis Sarigiannis**, Alexandra Primikyri, Christoph Schmidt, John D Lambris
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47. Compstatin Cp40: an immune modulator on a journey from disease models to clinical development
J. Lambris, A. Primikyri, S. Koutsogiannaki, **Y. Sarigiannis**, M. Papanastasiou, S. Koutsopoulos, J. Seong, H. Wang, C. Gang, M. Huber-Lang, M. van Griensven, B. Nilsson, K. Nilsson-Ekdahl, A. Biglarnia, R. J. Smith, G. Hajishengallis, D. Yancopoulos, A. M. Risitano, D. Ricklin
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MP1206 COST Action, 25-27 March 2015, Novi Sad, Serbia
45. Surface Modification of Magnetic Nanoparticles with Poly(methacrylic acid)-graft-poly(ethylene glycol), and the Effects of the Molecular Structure on Drug Delivery **Y. Sarigiannis**, A. Bakandritsos, M. Lamprou, E. Papadimitriou, E. Voulgari, K. Avgoustakis, F. Winnefeld, S. Pispas, A. Meristoudi, R. Zboril, J. Tucek

- NanoMED, International Conference on Nanotechnology in Medicine**, 26-28 Feb 2014, Royal Free Hospital, UCL, UK
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 43. Structure tuning and effective PEGylation of a magnetic drug nanocarrier
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Spiliopoulos and **Y. Sarigiannis**
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 40. [*Design, synthesis and biological evaluation of linear peptide analogs of the A2 subunit \(Sequence 558-565\) of the Factor VIII of blood coagulation*](#)
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