

PAPAPOSTOLOU HARRIS

Degree in Chemistry, Dep. of Chemistry, School of Natural Sciences, University of Patras

PhD in Chemistry, Dep. of Chemistry, School of Natural Sciences, University of Patras

Curriculum Vitae

Argostoli, 2024

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PERSONAL INFORMATION

Surname:	Papapostolou
Name:	Charilaos (Harris)
Place of birth:	Lamia
Date of birth:	31/10/1980
Home Address:	Alibizatou 10, Argostoli, Kefalonia
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1. DEGREES & POSITIONS

1999-2005	Degree in Chemistry (6,63), Department of Chemistry, School of Natural Sciences, University of Patras
2005-2011	PhD in Chemistry, Department of Chemistry, School of Natural Sciences, University of Patras
2012-2021	Postdoctoral Researcher in Department of Food Science and Human Nutrition, Agricultural University of Athens
2022-2023	Postdoctoral Researcher in Department of Food Science and Technology, Ionian University

2. LANGUAGES & COMPUTER SKILLS

English	English Language Certificate TOEIC (Test of English for International Communication) Score 615/990 (B2)
Computer	ECDL Certificate for Internet services (Ms Internet explorer 8 and Outlook 2010), Text editing (Ms Word 2010) and Spreadsheets (Ms Excel 2010). Also, very good knowledge of Origin 8.0 and ChemBioOffice 2010.

3. SEMINARS & TRAINING

1.	ISO / IEC 17025 seminar organized by the Western Mainland and Peloponnese regional department of the Union of Greek Chemists, November 2014, Patras
2.	Summer Course " <i>Biorefinery and Industrial applications</i> ". 30 June – 3 July 2014, University of Cantabria, Santander, Spain.
3.	2 nd International Conference on Engineering for Waste Valorization (WasteEng '08), 3-5 June 2008, Patras, Greece.
4.	Seminar on: "Energy plants - Biofuels New opportunities and growth prospects". Co-

	organized by the Prefectural Government of Fthiotida and the Region of Central Greece, 3/2/2006 Lamia.
5.	2 nd International Congress on Bioprocesses in Food Industries (ICBF-2006), 18-21 June, Rio Patras, Greece.
6.	"Quality Management: ISO-HACCP" seminar. Organized by Department of Chemistry, University of Patras, 27/3/2003-4/4/2003, Patras.
7.	4th Conference in Medicinal Chemistry "Design and Development of Pharmaceutical Products". Co-organized by the Department of Chemistry and the Department of Pharmacy of the University of Patras, March 13-14, 2003, Patras

4. PARTICIPATION IN RESEARCH PROJECTS

2023	"BIOCONSION- Survey, Characterisation, Evaluation and Conservation of Natural Genetic Resources of the Region of Ionian Islands Within the Framework of the National Biodiversity Strategy: Native Plants of Medicinal Value" NSRF 2014-2020, Regional Operational Programme of Ionian Islands. Budget: 282,907.24 €
2022-2023	"Infrastructure of Microbiome Applications in Food Systems-FOODBIOMES" (MIS 5047291), co-financed by Greece and the European Union (European Regional Development Fund). Budget: 423,000 €
2018-2021	"Research Infrastructure For Waste Valorization And Sustainable Management Of Resources", (INVALOR). co-financed by Greece and the European Union (European Regional Development Fund). Budget: 700,000 €
2017-2021	LIFE16 ENV/IT/000179, "Biogas and digestate with controlled ammonia content by a virtuous biowaste cycle with integrated biochemical processes (ακρόνυμο: LIFE CAB). Financed by EU. Budget: 164,985 €
2017-2020	Horizon 2020 / BBI-JU, "Chemical building blocks from versatile MSW biorefinery" (PERCAL). Financed by EU. Budget: 287,820 €
2016	"Production of hydrolase enzymes and bifunctional monomers (1,3-PDO, 2,3-BDO and fumaric acid) in order to produce petrochemicals". Financed by the company Petrobras, Brazil. Budget: 350,000 €
2012-2016	Seventh Framework Program (FP7) "New tailor-made biopolymers produced from lignocellulosic sugars waste for highly demanding fire-resistant applications". Financed by EU. Budget: 427,740 €

2006-2008 || Regional Operational Programme of West Greece (ΔΕΑ 13). “Production of dry starter cultures with whey as raw material for food production”. Budget: 750,000 €.

5. TEACHING EXPERIENCE

2023 –now | Independent teaching of the courses “Instrumental Food Analysis” (lectures) and “Writing of Scientific Papers” as an Academic Scholar in the Department of Food Science and Technology of the Ionian University.

2022–2023 | Independent teaching of the “Instrumental Food Analysis” course (lectures and lab courses) as an Academic Scholar in the Department of Food Science and Technology of the Ionian University.

2021–2022 | Independent teaching of the courses "Enzymology" and “Instrumental Food Analysis” (lectures and lab courses) in the Department of Food Science and Technology of the Ionian University within the framework of the program “Acquiring Academic Teaching Experience for Young Scientists with PhDs at the Ionian University for the academic year 2021- 2022” co-funded by the European Union (EU) and national resources

2020–2021 | Independent teaching of the courses “Biofunctional Foods”, “Enzymology” and “Instrumental Food Analysis” (lectures) in the Department of Food Science and Technology of the Ionian University within the framework of the program “Acquiring Academic Teaching Experience for Young Scientists with PhDs at the Ionian University for the academic year 2020- 2021” co-funded by the European Union (EU) and national resources

2013-2014 | Training of postgraduate students in lab exercises within the framework of the MSc program of the Department of Food Science and Human Nutrition of the Agricultural University of Athens in the direction "Food Bioprocessing & Biorefineries". Laboratory exercise "Determination of free amino nitrogen (FAN) and inorganic phosphorus."

2006-2009 | Training of undergraduate students in lab exercises as part of the course "Food Chemistry and Technology - Oenology I" at the Food Chemistry and Technology Laboratory of the Chemistry Department of the University of Patras. Laboratory exercise "Determination of fat by the Soxhlet method".

2006-2009 | Training of graduate students in the postgraduate laboratory courses of the Transnational MSc in Food Biotechnology “Advanced Exercises of Food Chemistry

and Biotechnology I” and “Advanced Exercises of Food Chemistry and Biotechnology II”. Laboratory exercises "Continuous fermentation" and "Determination of fat with Soxhlet apparatus"

6. PUBLICATIONS

6A. PhD THESIS

2011 || «Fermentation efficiency of thermally dried yeasts which ferment lactose»

6B. PUBLICATIONS IN INTERNATIONAL PEER REVIEWED SCIENTIFIC JOURNALS

Scientific Journals

1. Sereti, F., Alexandri, M., Papadaki, A., **Papapostolou, H.**, Kopsahelis, N. Carotenoids production by *Rhodospiridium paludigenum* yeasts: Characterization of chemical composition, antioxidant and antimicrobial properties. *Journal of Biotechnology*, **2024**, 386, 52–63. <https://doi.org/10.1016/j.jbiotec.2024.03.011>
2. Sereti, F., Alexandri, M., Papadaki, A., **Papapostolou, H.**, Kopsahelis, N. Natural lycopene and β -carotene synthesis by *Rhodospiridium kratochvilovae* yeasts: Sustainable production, chemical characterization and antioxidative properties. *Food Bioscience*, **2024**, 57, 103425. <https://doi.org/10.1016/j.fbio.2023.103425>
3. Kachrimanidou, V., Alexandri, M., **Papapostolou, H.**, Papadaki, A., Kopsahelis, N. Valorization of Grape Pomace for *Trametes versicolor* Mycelial Mass and Polysaccharides Production. *Sustainability*, **2023**, 15, 15080. <https://doi.org/10.3390/su152015080>
4. Kachrimanidou, V., Papadaki, A. **Papapostolou, H.**, Alexandri, M., Gonou-Zagou, Z., Kopsahelis, N. *Ganoderma lucidum* Mycelia Mass and Bioactive Compounds Production through Grape Pomace and Cheese Whey Valorization. *Molecules*, **2023**, 28, 6331. <https://doi.org/10.3390/molecules28176331>
5. **Papapostolou, H.**, Kachrimanidou, V., Alexandri, M., Plessas, S., Papadaki, A., Kopsahelis, N. Natural Carotenoids: Recent Advances on Separation from Microbial Biomass and Methods of Analysis. *Antioxidants*, **2023**, 12, 1030. <https://doi.org/10.3390/antiox12051030>
6. Alexandri, M., Kachrimanidou, V., **Papapostolou, H.**, Papadaki, A., Kopsahelis, N. Sustainable Food Systems: The Case of Functional Compounds towards the Development of Clean Label Food Products. *Foods*, **2022**, 11, 2796. <https://doi.org/10.3390/foods11182796>
7. Filippi, K., **Papapostolou, H.**, Alexandri, M., Vlysidis, A., Myrtsi, E.D., Ladakis, D., Pateraki, C., Haroutounian, S.A., Koutinas, A. Integrated biorefinery development using

- winery waste streams for the production of bacterial cellulose, succinic acid and value-added fractions. *Bioresource Technology*, **2022**, 343, 125989.
<https://doi.org/10.1016/j.biortech.2021.125989>
8. Efthymiou, M-N., Pateraki, C., **Papapostolou, H.**, Lin, C.S.K., Koutinas, A. Restructuring the sunflower-based biodiesel industry into a circular bio-economy business model converting sunflower meal and crude glycerol into succinic acid and value-added co-products. *Biomass and Bioenergy*, **2021**, 155, 106265.
<https://doi.org/10.1016/j.biombioe.2021.106265>
9. Mavrommatis, A., Simitzis, P.E., Kyriakaki, P., Giamouri, E., Myrtsi, E.D., Evergetis, E., Filippi, K., **Papapostolou, H.**, Koulocheri, S.D., Pappas, A.C., Koutinas, A., Haroutounian, S.A., Tsiplakou, E. Immune-Related Gene Expression Profiling of Broiler Chickens Fed Diets Supplemented with Vinification Byproducts: A Valorization Approach II. *Animals*, **2021**, 11, 3038. <https://doi.org/10.3390/ani11113038>
10. Filippi, K., Georgaka, N., Alexandri, M., **Papapostolou, H.**, Koutinas, A. Valorisation of grape stalks and pomace for the production of bio-based succinic acid by *Actinobacillus succinogenes*, *Industrial Crops and Products*, **2021**, 168, 113578.
<https://doi.org/10.1016/j.indcrop.2021.113578>
11. Maina, S., Schneider, R. Alexandri, M., **Papapostolou, H.**, Nychas, G.J., Koutinas, A., Venus, J. Volumetric oxygen transfer coefficient as fermentation control parameter to manipulate the production of either acetoin or D-2,3-butanediol using bakery waste. *Bioresource Technology*, **2021**, 335, 125155. <https://doi.org/10.1016/j.biortech.2021.125155>
12. Mavrommatis, A., Giamouri, E., Myrtsi, E.D., Evergetis, E., Filippi, K., **Papapostolou, H.**, Koulocheri, S.D., Zoidis, E., Pappas, A.C., Koutinas, A., Haroutounian, S.A. and Tsiplakou, E. Antioxidant Status of Broiler Chickens Fed Diets Supplemented with Vinification by-Products: A Valorization Approach. *Antioxidants*, **2021**, 10, 1250.
<https://doi.org/10.3390/antiox10081250>
13. Maina, S., Dheskali, E., **Papapostolou, H.**, de Castro, A.M., Freire, D.MG., Nychas, G.J.E., Papanikolaou, S., Kookos, I.K. and Koutinas, A. Bioprocess Development for 2,3-Butanediol Production from Crude Glycerol and Conceptual Process Design for Aqueous Conversion into Methyl Ethyl Ketone. *ACS Sustainable Chemistry & Engineering*, **2021**, 9, 26, 8692–8705. <https://doi.org/10.1021/acssuschemeng.1c00253>
14. Kachrimanidou, V., Ioannidou, S.M., Ladakis, D., **Papapostolou, H.**, Kopsahelis, N.,

- Koutinas, A.A., Kookos, I.K. Techno-economic evaluation and life-cycle assessment of poly(3-hydroxybutyrate) production within a biorefinery concept using sunflower-based biodiesel industry by-products. *Bioresource Technology*, **2021**, 326, 124711.
<https://doi.org/10.1016/j.biortech.2021.124711>
15. Ioannidou, S.M., Pateraki, C., Ladakis, D., **Papapostolou, H.**, Tsakona, M., Vlysidis, A., Kookos, I.K., Koutinas, A. Sustainable production of bio-based chemicals and polymers via integrated biomass refining and bioprocessing in a circular bioeconomy context. *Bioresource Technology*, **2020**, 307, 123093.
<https://doi.org/10.1016/j.biortech.2020.123093>
16. Tsouko, E., Papadaki, A., **Papapostolou, H.**, Ladakis, D., Natsia, A., Koutinas, A., Kampioti, A., Eriotou, E., Kopsahelis, N. Valorization of Zante currant side-streams for the production of phenolic-rich extract and bacterial cellulose: a novel biorefinery concept. *Journal of Chemical Technology and Biotechnology*, **2020**, 95, 427–438.
<https://doi.org/10.1002/jctb.6035>
17. Alexandri, M., Schneider, R., **Papapostolou, H.**, Ladakis, D., Koutinas, A., Venus, J. Restructuring the Conventional Sugar Beet Industry into a Novel Biorefinery: Fractionation and Bioconversion of Sugar Beet Pulp into Succinic Acid and Value-Added Coproducts. *ACS Sustainable Chemistry & Engineering*, **2019**, 7, 6569–6579.
<https://doi.org/10.1021/acssuschemeng.8b04874>
18. Alexandri, M., Vlysidis, A., **Papapostolou, H.**, Tverezovskaya, O., Tverezovskiy, V., Kookos, I.K., Koutinas, A. Downstream separation and purification of succinic acid from fermentation broths using spent sulphite liquor as feedstock. *Separation and Purification Technology*, **2019**, 209, 666–675. <https://doi.org/10.1016/j.seppur.2018.08.061>
19. Papadaki, A., **Papapostolou, H.**, Alexandri, M., Kopsahelis, N., Papanikolaou, S., Machado de Castro, A., Freire, D.M.G., Koutinas, A. Fumaric acid production using renewable resources from biodiesel and sugarcane production processes. *Environmental Science and Pollution Research*, **2018**, 25, 35960–35970. <https://doi.org/10.1007/s11356-018-1791-y>
20. Alexandri, M., **Papapostolou, H.**, Stragier, L., Verstraete, W., Papanikolaou, S., Koutinas, A. Succinic acid production by immobilized cultures using spent sulphite liquor as fermentation medium. *Bioresource Technology*, **2017**, 238, 214–222.
<https://doi.org/10.1016/j.biortech.2017.03.132>
21. Alexandri, M., **Papapostolou, H.**, Vlysidis, A., Gardeli, C., Komaitis, M., Papanikolaou, S.,

- Koutinas, A.A. Extraction of phenolic compounds and succinic acid production from spent sulphite liquor. *Journal of Chemical Technology and Biotechnology*, 91 (11), **2016**, 2751-2760. <https://doi.org/10.1002/jctb.4880>
22. Alexandri, M., **Papapostolou, H.**, Komaitis, M., Stragier, L., Verstraete, W., Danezis, G.P., Georgiou, C.A., Papanikolaou, S., Koutinas, A.A. Evaluation of an integrated biorefinery based on fractionation of spent sulphite liquor for the production of an antioxidant-rich extract, lignosulphonates and succinic acid. *Bioresource Technology*, 214, **2016**, 504-513. <https://doi.org/10.1016/j.biortech.2016.03.162>
23. Llano, T., Alexandri, M., Koutinas, A., Gardeli, C., **Papapostolou, H.**, Coz, A., Quijorna, N., Andres, A., Komaitis, M. Liquid–Liquid Extraction of Phenolic Compounds from Spent Sulphite Liquor. *Waste and Biomass Valorization*, 6 (6), **2015**, 1149-1159. <https://doi.org/10.1007/s12649-015-9425-9>
24. **Papapostolou, H.**, Servetas, Y., Bosnea, L.A., Kanellaki, M., Koutinas, A. Novel Technology Development through Thermal Drying of Encapsulated *Kluyveromyces marxianus* in Micro- and Nano-tubular Cellulose in Lactose Fermentation and Its Evaluation for Food Production. *Applied Biochemistry and Biotechnology*, **2012**, 168(8), 2148-2159. <https://doi.org/10.1007/s12010-012-9924-0>
25. Koutinas, A.A., Bekatorou, A., Katechaki, E., Dimitrellou, D., Kopsahelis, N., **Papapostolou, H.**, Panas, P., Sideris, K., Kallis, M., Bosnea, L.A., Koliopoulos, D., Sotiropoulos, P., Panteli, A., Kourkoutas, Y., Kanellaki, M., Soupioni, M. Scale-up of Thermally Dried Kefir Production as Starter Culture for Hard-Type Cheese Making: An Economic Evaluation. *Applied Biochemistry and Biotechnology*, **2010**, 160, 1734–1743. <https://doi.org/10.1007/s12010-009-8645-5>
26. Koutinas, A.A., **Papapostolou, H.**, Dimitrellou, D., Kopsahelis, N., Katechaki E., Bekatorou, A., Bosnea, L.A. Whey valorisation: A complete and novel technology development for dairy industry starter culture production. *Bioresource Technology*, **2009**, 100 (15), 3734-3739. <https://doi.org/10.1016/j.biortech.2009.01.058>
27. **Papapostolou, H.**, Bosnea, L.A., Koutinas, A.A., Kanellaki, M. Fermentation efficiency of thermally dried kefir. *Bioresource Technology*, **2008**, 99, 6949-6956. <https://doi.org/10.1016/j.biortech.2008.01.026>
28. **Papapostolou, H.**, Bosnea, L.A., Kanellaki, M., Koutinas, A.A. Convective drying of the Thermotolerant *Kluyveromyces marxianus* at Relatively Low Temperatures and its Efficiency

in Whey Fermentation. *Open Biotechnology Journal*, **2007**, 1, 52-58.

<https://doi.org/10.2174/1874070700701010052>

Book Chapters

29. Alexandri, M., Maina, S., Tsouko, E., **Papapostolou, H.**, Koutinas, A., Kourmentza, K. Chapter 46 - Valorization of fruit processing by-product streams into integrated biorefinery concepts: extraction of value-added compounds and bioconversion to chemicals. Editor(s): Rajeev Bhat, Valorization of Agri-Food Wastes and By-Products, *Academic Press*, **2021**, Pages 927-945, ISBN 9780128240441. <https://doi.org/10.1016/B978-0-12-824044-1.00014-3>
30. Ladakis, D., **Papapostolou, H.**, Vlysidis, A., Koutinas, A. Chapter 9 - Inventory of food processing side streams in European Union and prospects for biorefinery development. Editor(s): Maria R. Kosseva, Colin Webb, Food Industry Wastes (Second Edition), *Academic Press*, **2020**, Pages 181-199, ISBN 9780128171219. <https://doi.org/10.1016/B978-0-12-817121-9.00009-7>

Conference papers

31. Pateraki, C., Alexandri, M., **Papapostolou, H.**, Vlysidis, A., Papanikolaou S., Koutinas, A. Valorization of By-Product Streams from the Pulp and Paper Industry for Succinic Acid Production. *Technical Proceedings of the 2013 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2013*, **2013**, 3, 616-619.
URL: <http://www.nsti.org/procs/Nanotech2013v3/7/T2.232>

8C. PARTICIPATION IN SCIENTIFIC CONFERENCES

1. Natsia, A|., **Papapostolou, H.**, Papadaki, A., Kopsahelis, N. Developing added-value food products from hempseeds: fractionation, characterization and novel protein-based edible films formation. 10th International Conference on Sustainable Solid Waste Management, 21-24 June **2023**, Chania, Greece.
2. Filippi, K., Alexandri, M., **Papapostolou, H.**, Koutinas, A.A. Conversion of winery wastes into a sugar-rich hydrolysate for the biotechnological production of succinic acid. 8th International Conference on Sustainable Solid Waste Management, 23-25 June **2021**, Thessaloniki, Greece
3. Alexandri, M., Psaki, O., **Papapostolou, H.**, Koutinas, A. Simultaneous production of carotenoids and microbial lipids using fruit wastes from open markets. 8th International Conference on Sustainable Solid Waste Management, 23-25 June **2021**, Thessaloniki, Greece

4. Stylianou, E., Ladakis, D., Pateraki, C., **Papapostolou, H.**, Koutinas, A. Valorisation of the organic fraction of Municipal Solid Waste: Improving succinic acid production efficiency by immobilized continuous fermentation. 8th International Conference on Sustainable Solid Waste Management, 23-25 June **2021**, Thessaloniki, Greece
5. Ladakis, D., **Papapostolou, H.**, Kopanou, E., Koutinas, A. Valorisation of orange peel for bacterial cellulose production via fermentation with simultaneously production of value added products. 12th European Congress of Chemical Engineering and 5th European Congress of Applied Biotechnology, 15-19 September, **2019** - Florence, Italy
6. Philippi, K., Kopanou, E., **Papapostolou, H.**, Ladakis, D., Koutinas, A. Winery wastes as feedstock for the production of succinic acid, bacterial cellulose and value added products. 15th International Conference on Renewable Resources and Biorefineries (RRB15), 3-5 June **2019**, Toulouse, France
7. Pateraki, C., **Papapostolou, H.**, Koutinas, A. Exploitation of Open Market Wastes Through Biorefinery Development and Production of Natural Pigments by *Penicillium Purpurogenum*. 8th International Forum on Industrial Bioprocessing (IBA-IFIBiop 2019), 1 – 5 May **2019**, Miri, Sarawak, Malaysia.
8. Koutinas, A., Kopanou, E., Ladakis, D., Tsouko, E., **Papapostolou, H.** Bacterial cellulose production using sugar-rich streams derived from fruit waste. 8th International Forum on Industrial Bioprocessing (IBA-IFIBiop 2019), 1 – 5 May **2019**, Miri, Sarawak, Malaysia.
9. Efthymiou, M.N., Pateraki, C., **Papapostolou, H.**, Koutinas, A., Biorefinery development for the production of succinic acid and value-added coproducts from sunflower meal. 7th International Conference on Sustainable Solid Waste Management, 26-29 June **2019**, Heraklion, Greece
10. Diamanti, V., Papadaki, A., Pateraki, C., **Papapostolou, H.**, Koulougliotis, D., Eriotou, E., Kopsahelis, N. Whey utilization by novel non-dairy industry derived probiotic strains for the production of starter cultures. 6th International Conference on Sustainable Solid Waste Management, 13-16 June **2018**, Naxos, Greece
11. Alexandri, M., **Papapostolou, H.**, Komaitis, M., Papanikolaou, S., Koutinas, A. Immobilization of *Actinobacillus succinogenes* for enhanced succinic acid production in spent sulphite liquor. 6th International Conference on Engineering for Waste and Biomass Valorisation May 23-26, **2016** Albi, France

12. Alexandri, M., Vlysidis, A., **Papapostolou, H.**, Kookos, I., Koutinas, A. Evaluation of different methods for the recovery of biotechnologically produced succinic acid. 12th International Conference on Renewable Resources and Biorefineries, 30-31 May & 1 June 2016 Ghent, Belgium
13. Georgaka, N.M., Alexandri, M., **Papapostolou, H.**, Papanikolaou, S., Koutinas, A. Development of an advanced biorefinery concept based on valorization of winery wastes. 11th International Conference on Renewable Resources and Biorefineries, York – UK, 3-5 June 2015.
14. Alexandri, M., **Papapostolou, H.**, Gardeli, C., Llano, T., Komaitis, M., Papanikolaou, S., Coz, A., Koutinas, A. Detoxification of spent sulphite liquor for succinic acid production. 10th European Symposium on Biochemical Engineering Sciences and 6th International Forum on Industrial Bioprocesses in collaboration with ACS Lille, September 7-10, 2014, France.
15. Llano, T., Alexandri, M., Koutinas, A., Gardeli, C., **Papapostolou, H.**, Komaitis, M., Coz, A. Solvent extraction of phenolics from lignocellulosic waste. 5th International Conference on Engineering for Waste and Biomass Valorisation - Aug. 24–28, 2014 - Rio de Janeiro, Brazil.
16. Koutinas, A., Alexandri, M., Pateraki, C., Vlysidis, A., **Papapostolou, H.** Development of an advanced biorefinery concept based on valorization of pulp and paper industry waste streams. 16th European Congress of Biotechnology, Symposium 10: Development of an Advanced Biorefinery Concept based on Valorization of Pulp and Paper Industry Waste Streams, 13-16 July 2014, Edinburg, Scotland.
17. Alexandri, M., Llano, T., Gardeli, C., **Papapostolou, H.**, Komaitis, M., Papanikolaou, S., Coz, A., Koutinas, A. Solvent extraction and analysis of phenolic compounds derived from spent sulphite liquor for enhanced succinic acid fermentation. 36th Symposium on Biotechnology for Fuels and Chemicals, April 28 - May 1, 2014, Clearwater Beach, Florida.
18. Pateraki, C., Alexandri, M., Ladakis, D., **Papapostolou, H.**, Vlysidis, A., Papanikolaou, S., Koutinas, A. Pretreatment of pulp and paper industry by-product stream for the production of lignosulphonates and succinic acid. 247th American Chemical Society National Meeting & Exposition, Chemistry and Materials for Energy, March 16-20, 2014, Dallas.
19. Vlysidis A, Pateraki C, Alexandri M, **Papapostolou H**, Koutinas A. Examining inhibition kinetics of spent sulphite liquor on succinic acid fermentation. 9th International Conference on Renewable Resources and Biorefineries (RRB9) 2013, Antwerp, Belgium, 5-7 June.

20. Pateraki, C., Alexandri, M., **Papapostolou, H.**, Vlysidis, A., Papanikolaou, S., Koutinas, A. Valorization of by-product streams from the pulp and paper industry for succinic acid production. TechConnect World – CleanTech Conference and Showcase **2013**, Washington, USA, 12-16 May.
21. Alexandri M, Pateraki C, Vlysidis A, **Papapostolou H**, Koutinas A. An integrated biorefinery concept for the production of paper and biochemicals. 2nd Iberoamerican Congress on Biorefineries, Jaen, Spain, 10-12 April **2013**.
22. Koutinas, A.A., **Papapostolou, H.**, Dimitrellou, D., Bekatorou, A., Kopsahelis, N. Whey Valorization: A complete and novel technology development for starter cultures production employed in dairy industry. WasteEng' 08, Patras, 3-5 June, **2008**.
23. **Papapostolou, H.**, Bosnea, L.A., Kanellaki, M., Koutinas, A.A. 2008. Convective Drying of the Thermotolerant *Kluyveromyces marxianus* at Relatively Low Temperatures and its Efficiency in Whey Fermentation. WasteEng' 08, Patras, 3-5 June, **2008**.
24. **Papapostolou, H.**, Bosnea, L.A., Kanellaki, M., Koutinas, A.A., Bekatorou, A. 2008. Whey Fermentation Efficiency of Thermally Dried Kefir. WasteEng' 08, Patras, 3-5 June, **2008**.
25. **Papapostolou, H.**, Bosnea, L.A., Kandylis, P., Kanellaki, M., Koutinas, A.A., Bekatorou, A. 2008. Efficiency of thermally dried kefir and convectively dried *Kluyveromyces marxianus* for whey fermentation. 4th International Greek Biotechnology Forum, Athens, Greece, February 2 – 3, **2008**.