

PERSONAL INFORMATION

SURNAME: MAMMA

NAME: DIOMI

DATE OF BIRTH: 1 OCTOBER 1967

PLACE OF RESIDENCE: ATHENS

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EDUCATION

- | | |
|----------------|---|
| 12.2002 | School of Chemical Engineering, National Technical University of Athens, Greece, Bioethanol production from Sweet Sorghum, Doctor of Philosophy (Ph.D.) |
| 06.1991 | School of Chemical Engineer, National Technical University of Athens, Greece, Studies on lysine production by <i>Corynebacterium glutamicum</i> , Diploma in Chemical Engineering |

CURRENT POSITION

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| 07.2019 - | Assistant Professor
Biotechnology Laboratory/School of Chemical Engineering, National Technical University of Athens, Greece |
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PREVIOUS POSITIONS

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| 06.2015 - 07.2019 | Laboratory Teaching Staff
Biotechnology Laboratory/School of Chemical Engineering, National Technical University of Athens, Greece |
| 12.2001 - 06.2015 | Private Law Open-Ended Contract Staff
Biotechnology Laboratory/School of Chemical Engineering, National Technical University of Athens, Greece |

TEACHING ACTIVITIES

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| 2019- present | Assistant Professor – Biochemical Engineering (7 th semester) tutoring sessions, Principles of Cell Biology and Biochemistry (5 th semester) tutoring sessions, Industrial Biotechnology (8 th semester) and Biomechanics (9 th semester) laboratory sessions, School of Chemical Engineering, National Technical University of Athens, Greece |
| 2018- present | Lecturing (18 hours per year) at the course «Theory & Applications of Industrial Biotechnology», Master of Science in «Bioeconomy, Circular Economy and Sustainable Development», Department of Economics, School of Economic, Business Tourism and International Studies, University of Piraeus |
| 2015 - 2019 | Laboratory Teaching Staff – Biochemical Engineering (7 th semester) tutoring sessions, Industrial Biotechnology (8 th semester) and Biomechanics (9 th semester) laboratory sessions, School of Chemical Engineering, National Technical University of Athens, Greece |
| 1992- 2015 | PhD Candidate/ Private Law Open-Ended Contract Staff– Biotechnology & Environment (8 th semester), Applied Biotechnology (9 th semester) laboratory sessions, School of Chemical Engineering, National Technical University of Athens, Greece |

PUBLICATIONS (<https://orcid.org/0000-0001-5198-6533>)

Details about the published work can be found at <https://www.scopus.com/authid/detail.uri?authorId=6602672061>.
Median Impact factor: 2.712, Over 1000 hetero-citations, h-index: 18

1. An alternative approach to the bioconversion of sweet sorghum carbohydrates to ethanol, Mamma D., Christakopoulos P., Koullas D., Kekos D., Macris B.J., Koukios E., Biomass and Bioenergy, 8(2), 99-103, 1995, [https://doi.org/10.1016/0961-9534\(95\)00006-S](https://doi.org/10.1016/0961-9534(95)00006-S)
2. Production and partial characterization of xylanase from *Fusarium oxysporum*, Christakopoulos P., Mamma D.,

- Nerinckx B., Kekos D., Macris B.J., Claeysens M., *Bioresource Technology*, 58(2), 115-119, 1996, [https://doi.org/10.1016/S0960-8524\(96\)00091-0](https://doi.org/10.1016/S0960-8524(96)00091-0)
3. Bioethanol from Sweet Sorghum: Simultaneous saccharification and fermentation of carbohydrates by a mixed microbial culture, Mamma D., Koullas D., Fountoukidis G., Kekos D., Macris B.J., Koukios E., *Process Biochemistry*, 31(4), 377-381, 1996, [https://doi.org/10.1016/0032-9592\(95\)00075-5](https://doi.org/10.1016/0032-9592(95)00075-5)
 4. Production of an esterase from *Fusarium oxysporum* catalysing transesterification reactions in organic solvents, Christakopoulos P., Tzalas B., Mamma D., Stamatis H., Liadakis G.N., Tzia C., Kolisis F., Macris B.J. *Process Biochemistry*, 33(7), 729-733, 1998, [https://doi.org/10.1016/S0032-9592\(98\)00039-9](https://doi.org/10.1016/S0032-9592(98)00039-9)
 5. Enhanced acetyl esterase production by *Fusarium oxysporum*, Christakopoulos P., Mamma D., Kekos D., Macris B.J. *World Journal of Microbiology and Biotechnology*, 15, 443-447, 1999, <https://doi.org/10.1023/A:1008936204368>
 6. Hemicellulolytic activity of *Fusarium oxysporum* grown on sugar beet pulp. Production of extracellular arabinanase, Cheilas T., Stoupis T., Christakopoulos P., Katapodis P., Mamma D., Hatzinikolaou D.G., Kekos D., Macris B.J. *Process Biochemistry*, 35(6), 557-561, 2000, [https://doi.org/10.1016/S0032-9592\(99\)00103-X](https://doi.org/10.1016/S0032-9592(99)00103-X)
 7. Catechol 1,2-dioxygenase from *Pseudomonas putida* in organic media- an electron paramagnetic resonance study, Sanakis J., Mamma D., Christakopoulos P., Stamatis H. *International Journal of Biological Macromolecules*, 33(1-3), 101-106, 2003, [https://doi.org/10.1016/S0141-8130\(03\)00073-4](https://doi.org/10.1016/S0141-8130(03)00073-4)
 8. Combined photo-assisted and biological treatment of industrial oily wastewater Mamma, D., Gerontas, S., Philippopoulos, C.J., Christakopoulos, P., Macris, B.J., Kekos, D. *Journal of Environmental Science and Health, Part A-Toxic/Hazardous Substances & Environmental Engineering*, A39(3), 729-740, 2004, <https://doi.org/10.1081/ESE-120027738>
 9. Biochemical characterization of the multi-enzyme system produced by *Penicillium decumbens* grown on rutin, Mamma, D., Kalogeris, E., Hatzinikolaou D.G., Lekanidou, A., Kekos D., Macris B.J., Christakopoulos, P. *Food Biotechnology*, 18(1), 1-18, 2004, <https://doi.org/10.1081/FBT-120030382>
 10. Biochemical and catalytic properties of two intracellular β -glucosidases from the fungus *Penicillium decumbens* active on flavonoid glucosides, Mamma, D., Hatzinikolaou D.G., Christakopoulos, P. *Journal of Molecular Catalysis B: Enzymatic*, 27(4-6), 183-190, 2004, <https://doi.org/10.1016/j.molcatb.2003.11.011>
 11. Effect of adsorption characteristics of a modified cellulase on indigo backstaining, Mamma, D., Kalantzi S., Christakopoulos, P., *Journal of Chemical Technology and Biotechnology*, 79(6), 639-644, 2004, <https://doi.org/10.1002/jctb.1033>
 12. Studies on a N-acetyl- β -D-glucosaminidase produced by *Fusarium oxysporum* F3 grown in solid state fermentation, Gkargkas K., Mamma D., Nedev G., Topakas E., Christakopoulos P., Kekos D., Macris B. J., *Process Biochemistry*, 39(11), 1599-1606, 2004, [https://doi.org/10.1016/S0032-9592\(03\)00287-5](https://doi.org/10.1016/S0032-9592(03)00287-5)
 13. Biodegradation of phenol by acclimatized *Pseudomonas putida* cells using glucose as an added growth substrate, Mamma D., Kalogeris, E., Papadopoulos, N., Hatzinikolaou D.G., Christakopoulos P., Kekos, D., *Journal of Environmental Science and Health, Part A-Toxic/Hazardous Substances & Environmental Engineering*, A39(8) 2093-2104, 2004, <https://doi.org/10.1081/ESE-120039377>
 14. Modelling of the simultaneous hydrolysis-ultrafiltration of whey permeate by a thermostable fungal β -galactosidase from *Aspergillus niger*, Hatzinikolaou D.G., Katsifas, E., Mamma, D., Karagouni, A.D., Christakopoulos P., Kekos, D., *Biochemical Engineering Journal*, 24(2), 161-172, 2005, <https://doi.org/10.1016/j.bej.2005.02.011>
 15. Removal of 1,3-dichloro-2-propanol and 3-chloro-1,2-propanediol by the whole cell system of *Pseudomonas putida* DSM 437, Mamma, D., Papadopoulou, E., Petroustos, D., Christakopoulos P., Kekos, D. *Journal of Environmental Science and Health, Part A—Toxic/Hazardous Substances & Environmental Engineering*, 41(3), 303-313, 2006, <https://doi.org/10.1080/10934520500423154>
 16. Properties of catechol 1,2-dioxygenase from *Pseudomonas putida* immobilized in calcium alginate hydrogels, Kalogeris, E., Sanakis, J., Mamma, D., Christakopoulos P., Kekos, D., Stamatis, H., *Enzyme and Microbial Technology*, 39(5), 1113-1121, 2006, <https://doi.org/10.1016/j.enzmictec.2006.02.026>
 17. Cell bound and extracellular glucose oxidase from *Aspergillus niger* BTL: Evidence for a secondary glycosylation mechanism, Hatzinikolaou, D.G., Mamma, D., Christakopoulos P., Kekos, D., *Applied Biochemistry and Biotechnology*, 142(1), 29-43, 2007, <https://doi.org/10.1007/s12010-007-0006-7>
 18. Application of different processes for the biodegradation of 1,3-dichloro-2-propanol by the bacterium *Pseudomonas putida* DSM 437, Kalogeris, E., Antzoulatos, O., Mamma, D., Hatzinikolaou, D.G., Christakopoulos P., Kekos, D., *Chemical and Biochemical Engineering Quarterly*, 21(3), 297-305, 2007
 19. Fungal multienzyme production on industrial by products of the citrus-processing industry Mamma, D., Kourtoglou, E., Christakopoulos, P., *Bioresource Technology*, 99(7), 2373-2383, 2008, <https://doi.org/10.1016/j.biortech.2007.05.018>
 20. Purification, characterization and mass-spectrometric sequencing of transaldolase from *Fusarium oxysporum* involved in xylose fermentation to ethanol Kourtoglou, E., Mamma, D., Topakas, E., Christakopoulos, P. *Process Biochemistry*, 43(10), 1094-1101, 2008, <https://doi.org/10.1016/j.procbio.2008.05.013>
 21. Effect of pectate lyase bioscouring on physical, chemical and low-stress mechanical properties of cotton fabrics, Kalantzi, S., Mamma, D., Christakopoulos, P., Kekos, D., *Bioresource Technology*, 99(17), 8185-8195, 2008

22. Citrus peels: an excellent raw material for the bioconversion into value-added products, Mamma, D., Christakopoulos, P., *Tree and Forestry Science and Biotechnology* (special issue I-invited review), 2(1), 83-97, 2008
23. Citrus peels: a potential feedstock for bioethanol production, Mamma, D., Christakopoulos, P., *Tree and Forestry Science and Biotechnology* (special issue I-invited paper), 2(1), 135-140, 2008
24. Induction of cellulases and hemicellulases from *Neurospora crassa* under solid-state cultivation for bioconversion of sorghum bagasse into ethanol, Dogaris, I., Vakontios, G., Kalogeris, E., Mamma, D., Kekos, D. *Industrial Crops and Products*, 29, 404- 411, 2009, <https://doi.org/10.1016/j.indcrop.2008.07.008>
25. Adsorption of *Thermoascus aurantiacus* endoglucanase on cellulosic substrates, Mamma, D., Hatzinikolaou, D.G., Kekos, D., Stamatis, H., Kalogeris, E. *World Journal of Microbiology and Biotechnology*, 25, 781-788, 2009, <https://doi.org/10.1007/s11274-008-9949-2>
26. Properties of cotton fabrics treated by protease and its multi-enzyme combinations, Kalantzi, S., Mamma, D., Kalogeris, E., Kekos, D., *Journal of Applied Polymer Science*, 114, 1567–1573, 2009, <https://doi.org/10.1002/app.30677>
27. Hydrothermal processing and enzymatic hydrolysis of sorghum bagasse for fermentable carbohydrates production, Dogaris, I., Karapati, S., Mamma, D., Kalogeris, E., Kekos, D. *Bioresource Technology*, 100, 6543–6549, 2009, <https://doi.org/10.1016/j.biortech.2009.07.046>
28. Improved Properties of Cotton Fabrics Treated with Lipase and its Combination with Pectinase, Kalantzi, S., Mamma, D., Kalogeris, E., & Kekos, D. *FIBRES & TEXTILES in Eastern Europe*, Vol. 18, No. 5 (82), 86-92, 2010
29. Constitutive expression, purification and characterization of a phosphoglucomutase from *Fusarium oxysporum* Kourtoglou, E., Anasontzis, G.E., Mamma, D., Topakas, E., Hatzinikolaou, D.G. Christakopoulos, P. *Enzyme and Microbial Technology*, 48(3), 217-224, 2011, <https://doi.org/10.1016/j.enzmictec.2010.10.007>
30. Bioconversion of dilute-acid pretreated sorghum bagasse to ethanol by *Neurospora crassa*, Dogaris, I., Gkounta, O., Mamma, D., Kekos, D., *Applied Microbiology and Biotechnology*, 95, 541-550, 2012, <https://doi.org/10.1007/s00253-012-4113-1>
31. Biotechnological production of ethanol from renewable resources by *Neurospora crassa*: an alternative to conventional yeast fermentations? Dogaris, I., Mamma, D., Kekos, D., *Applied Microbiology and Biotechnology* (invited review), 97, 1457-1473, 2013 <https://doi.org/10.1007/s00253-012-4655-2>
32. Biotransformation of citrus by-products into value added products, Mamma, D., Christakopoulos, P. *Waste and Biomass Valorization*, 5(4), 529–549, 2014, <https://doi.org/10.1007/s12649-013-9250-y>
33. Constitutive homologous expression of phosphoglucomutase and transaldolase increases the metabolic flux of *Fusarium oxysporum* Anasontzis, G.E., Kourtoglou, E., Mamma, D., Villas-Boas, S.G., Hatzinikolaou, D.G., Christakopoulos, P. *Microbial Cell Factories*, 13, 43, 2014, <https://doi.org/10.1186/1475-2859-13-43>
34. Bioethanol from dried household food waste applying non-isothermal simultaneous saccharification and fermentation at high substrate concentration, Alamanou, D., Malamis, D., Mamma, D., Kekos, D. *Waste and Biomass Valorization*, 6(3), 353–361, 2015, <https://doi.org/10.1007/s12649-015-9355-6>
35. 3-Chloro-1,2-Propanediol biodegradation by Ca-alginate immobilized *Pseudomonas putida* DSM 437 cells applying different processes: mass transfer effects, Konti, A., Mamma, D., Hatzinikolaou, D.G., Kekos, D., *Bioprocess and Biosystems Engineering*, 39, 1597–1609, 2016, <https://doi.org/10.1007/s00449-016-1635-4>
36. Combination of decentralized waste drying and SSF techniques for household biowaste minimization and ethanol production, Sotiropoulos, A., Vourka, I., Erotokritou, A., Novakovic, J., Panaretou, V., Vakalis, S., Mamma, D., Alamanou, D., Thanos, A.G., Moustakas, K., Malamis D., *Waste Management*, 52, 353-359, 2016, <https://doi.org/10.1016/j.wasman.2016.03.047>
37. Bioethanol Production from Alkali-Treated Cotton Stalks at High Solids Loading Applying Non-isothermal Simultaneous Saccharification and Fermentation, Chilari, D., Dimos, K., Georgoula, G., Paschos, T., Mamma, D., Louloudi, A., Papayannakos, N., Kekos, D., *Waste and Biomass Valorization*, 8(6), 1919–1929, 2017, <https://doi.org/10.1007/s12649-016-9818-4>
38. Pilot Scale System of Two Horizontal Rotating Bioreactors for Bioethanol Production from Household Food Waste at High Solid Concentrations, Loizidou, M., Alamanou, D.G., Sotiropoulos, A., Lytras, C., Mamma, D., Malamis, D., Kekos, D., *Waste and Biomass Valorization*, 8(5), 1709–1719, 2017, <https://doi.org/10.1007/s12649-017-9900-6>
39. A study on the combined effects of carbon and nitrogen source on high added value products synthesis by *Nannochloropsis oceanica* CCMP1779 using response surface methodology, Savvidou, M., Lymperopoulou, T., Mamma, D., Balta-Brouma, K., Sotiroidis, T., Kekos, D., Kolisis, F.N. *Biocatalysis and Agricultural Biotechnology*, 10, 298-307, 2017, <https://doi.org/10.1016/j.bcab.2017.04.006>
40. Investigation of Halohydrins Degradation by Whole Cells and Cell-free Extract of *Pseudomonas putida* DSM 437: A Kinetic Approach, Konti, A., Mamma, D., Kekos, D. *Chemical and Biochemical Engineering Quarterly*, 31 (3) 233–240, 2017
41. Effects of Row Spacing on Growth, Yield and Quality Parameters of Sweet Sorghum, Cavalaris, C., Merkouris, O., Karamoutis, C., Akdemir, S., Mamma, D., Kekos, D., Gemtos, T. *Journal of Agricultural Faculty of Gaziosmanpasa University (JAFAG)*, 34 (1), 229-237, 2017
42. Ethanol production from food waste in West Attica: evaluation of investment plans under uncertainty, Konti, A., Papagiannakopoulou, P., Mamma, D., Kekos, D., Damigos, D., *Biofuels*, 2017,

<https://doi.org/10.1080/17597269.2017.1374771>

43. Studies on the catalytic behavior of a membrane-bound lipolytic enzyme from the microalgae *Nannochloropsis oceanica* CCMP1779, Savvidou, M., Katsabea, A., Kottidis, B., Mamma, D., Lymperopoulou, T., Kekos, D., Kolisis, F.N. *Enzyme and Microbial Technology*, 116, 64–71, 2018, <https://doi.org/10.1016/j.enzmictec.2018.05.011>
44. Effect of various pretreatment methods on bioethanol production from cotton stalks, Dimos, K., Paschos, T., Louloudi, A., Kalogiannis, K.G., Lappas, A.A., Papayannakos, N., Kekos, D., Mamma, D., *Fermentation*, 5(1), 5, 2019, <https://doi.org/10.3390/fermentation5010005>
45. Bioscouring of cotton fabrics by multienzyme combinations: application of Box-Behnken design and desirability function, Kalantzi, S., Kekos, D., Mamma, D., *Cellulose*, 26, 2771–2790, 2019 <https://doi.org/10.1007/s10570-019-02272-9>
46. Bioethanol Production from Food Waste Applying the Multienzyme System Produced On-Site by *Fusarium oxysporum* F3 and Mixed Microbial Cultures, Prasoulas, G., Gentikis, A., Konti, A., Kalantzi, S., Kekos, D., Mamma, D. *Fermentation*, 6, 39 2020 <https://doi.org/10.3390/fermentation6020039>
47. Mamma, D. Food Wastes: Feedstock for Value-Added Products (Editorial). *Fermentation*, 6, 47, 2020, <https://doi.org/10.3390/fermentation6020047>
48. Potential of barley straw for high titer bioethanol production applying pre-hydrolysis and simultaneous saccharification and fermentation at high solid loading, Paschos, T. Louloudi, A., Papayannakos, N., Kekos, D., Mamma, D., *Biofuels*, 2020, <http://dx.doi.org/10.1080/17597269.2020.1760688>
49. A study on the effect of macro- and micro- nutrients on *Nannochloropsis oceanica* growth, fatty acid composition and magnetic harvesting efficiency, Savvidou, M.G., Boli, E., Logothetis, D., Lymperopoulou, T., Ferraro, A., Louli, V., Mamma, D., Kekos, D., Magoulas, K., Kolisis, F.N., *Plants*, 9, 660, 2020, <https://doi.org/10.3390/plants9050660>
50. Catalytic and thermodynamic properties of an acidic α -amylase produced by the fungus *Paecilomyces variotii* ATHUM 8891 Apostolidi, M.E., Kalantzi, S., Hatzinikolaou, D.G., Kekos, D., Mamma, D., *3 Biotech*, 10, 311, 2020, <https://doi.org/10.1007/s13205-020-02305-2>
51. Incorporation of Magnetic Nanoparticles into Protoplasts of Microalgae *Haematococcus pluvialis*: A Tool for Biotechnological Applications, Savvidou, M.G., Ferraro, A., Hristoforou, E., Mamma, D., Kekos, D., Kolisis, F.N., *Molecules* 25, 5068, 2020, <https://doi.org/10.3390/molecules25215068>
52. Life Cycle Analysis of the Bioethanol Production from Food Waste—A Review, Konti, A., Kekos, D., Mamma, D. *Energies*, 13, 5206, 2020, <https://doi.org/10.3390/en13195206>

Book Chapters (invited)

- Biotechnological potential of fruit processing industry residues. Mamma, D., Topakas, E., Vafiadi, C., Christakopoulos, P. Book Chapter in “Biotechnology for agro-industrial residues processing”, Poonam Singh (Ed), Springer, pp. 273-291, 2009. https://doi.org/10.1007/978-1-4020-9942-7_14
- Physicochemical and low stress mechanical properties of silk fabrics degummed by enzymes Kalantzi, S., Mamma, D., Kekos, D. Book Chapter in “Eco-Friendly Textile Dyeing and Finishing”, Melih Günay (Ed.), InTech, pp. 233-260, 2013. <http://dx.doi.org/10.5772/53730>
- Biotechnological Potential of Citrus Peels, Mamma, D., Christakopoulos P., Book Chapter in “Microbes in Process”, Neelam Garg and Abhinav Aeron (Eds), Nova Science Publishers, Inc. (USA), pp. 59-91, 2014, (ISBN: 978-1-63117-127-7)
- *Neurospora crassa*: a promising candidate for bioethanol production from lignocellulosic biomass Dogaris, I., Mamma, D., Kekos, D. Book Chapter in “Microbes in Process”, Neelam Garg and Abhinav Aeron (Eds), Nova Science Publishers, Inc. (USA), pp. 117-146, 2014 (ISBN: 978-1-63117-127-7)
- Υγρά Βιοκαύσιμα 1ης Γενιάς-Βιοαιθανόλη, Μακρής, Β., Μαμμά, Δ., Κέκος, Δ., Κεφάλαιο στο βιβλίο “Βιοκαύσιμα – Αειφόρος Ενέργεια” Κάρναβος Ν., Λάππας Α. Μαρνέλλος Γ. (ed.) Επιστημονικές Εκδόσεις Τζιόλα, pp. 79-104, 2014, (ISBN:978-960-418-445-3)

CONFERENCES/WORKSHOPS

Over 60 Oral and Poster presentations in National & International Research Conferences. Selected National & International presentations are presented below.

- 12th Panhellenic Scientific Conference in Chemical Engineering, Study of factors affecting the production of a recombinant b-glucosidase, 29-31 May 2019, Athens, Greece
- 8th Conference of the Hellenic Society of Microbiokosmos, Microbial desulfurization of petroleum products, 18-20 April 2019, Patras, Greece
- 8th International Conference on Oxidative Stress in Skin Medicine and Biology, Antioxidant activity-guided comparative study of different methodologies for the extraction of *Rosmarinus officinalis*, 6 - 9 September 2018, Andros, Greece
- WASTES: Solutions, Treatments and Opportunities 4th International Conference, Ethanol production from food waste: Cost Estimation for a real case scenario in West Attica, 25-26 September 2017, Porto, Portugal

- 10th International Conference on Instrumental Methods of Analysis (IMA-2017), Mycotoxins in Foods: Employing microorganisms in milk detoxification, 17-21 September 2017, Heraklion, Greece
- 28th European Conference on Biomaterials, Polysiloxane/titanium dioxide nanocomposites with antimicrobial properties for biomedical applications, 4- 8 September 2017, Athens, Greece
- 17th European Congress on Biotechnology, Application of different processes for the biodegradation of 3-chloro-1,2-propanediol by Ca-alginate immobilized *Pseudomonas putida* DSM 437 cells, 3-6 July 2016, Krakow, Poland
- 14th European Congress on Biotechnology, Growth and fermentation characteristics of genetically engineered *Fusarium oxysporum* strain, 13-16 September 2009, Barcelona, Spain
- International Symposium of Biotechnology, Transaldolase: Purification and characterization of the enzyme involved in xylose fermentation to ethanol by the fungus *Fusarium oxysporum*, 4-8 May 2008, Sfax, Tunisia
- 12th International Biotechnology Symposium and exhibition (Biotechnology 2004), Treatment of an industrial oily wastewater combining photo-assisted oxidation and biological degradation by *Pseudomonas putida* DSM 437, 17-22 October 2004, Santiago, Chile
- 8th International Congress on Engineering and Food, Degradation of rutin by *Penicillium decumbens*. Purification and characterization of rutinase, April 9-13 2000, Puebla, Mexico
- 10th European Conference on Biomass for Energy and Industry, Bioethanol production from the utilisation of agricultural residues of developing countries, 8-10 June 1998, Wurzburg, Germany

MEMBERSHIPS & REVIEWING ACTIVITIES

2020	Guest editor in <i>Fermentation</i> , Special Issue "Food Wastes: Feedstock for Value-Added Products 2.0" https://www.mdpi.com/journal/fermentation/special_issues/ferment_food_wastes_2
2019	Guest editor in <i>Fermentation</i> , Special Issue "Food Wastes: Feedstock for Value-Added Products" https://www.mdpi.com/journal/fermentation/special_issues/ferment_food_wastes
2015- present	Evaluator, General Secretariat of Research & Development, Greece
2000-present	Reviewer for the following Scientific Journals: Bioresource Technology (Elsevier), Biochemical Engineering Journal (Elsevier), Applied Microbiology and Biotechnology (Springer-Verlag), Waste and Biomass Valorization (Springer-Verlag), Cellulose (Springer-Verlag) World Journal of Microbiology and Biotechnology (Springer-Verlag), Biomass Conversion and Biorefinery (Springer-Verlag), Fermentation (MDPI)
1992- present	Member, Technical Chamber of Greece

RESEARCH GRANTS

Participation in 20 research projects from 1992-present as a researcher. Selected projects are presented below.

Project Title	Funding source	Period	Role
Innovative Concepts in Agricultural Residues Utilization for Sustainable Development	EU STD-3	1994 - 1997	Researcher
Production and Characterization of certain Oxydoreductases	Procter & Gamble, Belgium	1997-1998	Researcher
Utilization of dairy industry wastes for the biotechnological production of xanthan and its use as emulsifier – stabilizer in food products	General Secretariat of Research & Development (EPET II)	2000-2001	Researcher
Development of biological and chemical processes for the treatment of wastewater with high toxicity	Greek Ministry of Education (Program Pythagoras II)	2003-2005	Researcher
Optimization of bioethanol production from renewable lignocellulosic substrates using metabolic engineering tools	General Secretariat of Research and Development (PENED 2003)	2005-2008	Researcher
The Sustainable Integrated Method for the Production of Lignocellulosic Ethanol	Greek Ministry of Education (Program Cooperation 2011)	2013-2015	Researcher
Development of nanomagnetic bioreactor for the continuous production of microalgae biomass and high added value products	EPAnEK (2014-2020) Operational Program "competitiveness –	2018-2021	Researcher

	entrepreneurship - innovation”		
Development of a combined chemical and biological process for the deep desulfurization of oil products	EPAnEK (2014-2020) Operational Program “competitiveness – entrepreneurship - innovation”	2018-2021	Researcher