



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Claudia-Valentina POPA**

E-mail valentina.popa@chimie.unibuc.ro

Nationality Romanian

Date of birth 02.01.1972

Gender F

Occupational field **Biochemistry**

Work experience

Dates 1.11.2020 - present

Occupation or position held Scientific Researcher III, PhD in Chemistry

Main activities and responsibilities

Research

Natural and synthetic compounds with biological activity. Pharmaceutical forms, plant extracts. Determination of active principles and total antioxidant capacity of complex samples by different methods (spectrophotometric, chemiluminescent, fluorescent, chromatographic methods). Biocatalysts. Determination of enzyme activity.

Name and address of employer

"Cantacuzino", National Military-Medical Institute for Research and Development, Bucharest

Type of business or sector

Medical Research

Dates 1.10.1999 - present

Occupation or position held Professor's assistant. PhD in Chemistry

Main activities and responsibilities

Teaching, Research

Antioxidants. Determination of antioxidants and total antioxidant capacity of complex samples by different methods (spectrophotometric, chemiluminescent, fluorescent methods, a nano-oxides based method). Natural compounds with antioxidant activity. Obtain of plant extracts. Molecular mechanisms involved in stress tolerance. Biocatalysts. Determination of enzyme activity.

Name and address of employer

University of Bucharest, Faculty of Chemistry

Type of business or sector

Academic

Dates 1.11.2019 - 31.10.2020

Occupation or position held Scientific Researcher III, PhD in Chemistry

Main activities and responsibilities

Research

Natural and synthetic compounds with biological activity. Pharmaceutical forms, plant extracts. Determination of active principles and total antioxidant capacity of complex samples by different methods (spectrophotometric, chemiluminescent, fluorescent, chromatographic methods). Biocatalysts. Determination of enzyme activity.

Name and address of employer

Military Medical Research Center

Type of business or sector

Medical Research

Dates 2001- 2004

Occupation or position held Part-time; Quality Control Assistant

Main activities and responsibilities

Specific activity for quality control. Issuing documents

Name and address of employer

SC LaborMed Pharma SA, Bucharest, Romania

Type of business or sector Industry
Dates 1.12.1998 - 30.09.1999
Occupation or position held Professor's assistant
Main activities and responsibilities Teaching
Name and address of employer Spiru Haret University, Faculty of Veterinary Medicine
Type of business or sector Academic

Dates 2.10.1995 - 1.12.1998
Occupation or position held Biochemist
Main activities and responsibilities Research
Name and address of employer National Research and Development Institute for Industrial Ecology (INCD-ECOIND),
Bucharest, Romania
Type of business or sector Research

Education and training

Dates 2006-2011
Title of qualification awarded PhD in Chemistry
"Determination of some antioxidants and total antioxidant capacity of some complex samples"
Principal subjects/occupational skills covered Development of new flow-injection analysis with chemiluminescence detection (FIA-CL method) for determination of antioxidants and total antioxidant capacity of complex samples. Determination of antioxidants and total antioxidant capacity by FIA-CL.
Natural compounds with antioxidant activity. Obtain of plant extracts. Antioxidant activity determinations.
Biochemistry and molecular biology. Intracellular determination of calcium levels in oxidative stress.
Name and type of organisation providing education and training University of Bucharest, Faculty of Chemistry

Dates 1996 -1997
Title of qualification awarded Master of Chemistry, Applied Enzymology
Principal subjects/occupational skills covered Biocatalysts immobilization. Applications. Determination of enzyme activity.
Name and type of organisation providing education and training University of Bucharest, Faculty of Chemistry

Dates 1990 -1995
Title of qualification awarded Degree in Chemistry, Technological Biochemistry
Principal subjects/occupational skills covered Biochemistry
Name and type of organisation providing education and training University of Bucharest, Faculty of Chemistry

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
European level (*)										
English	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
French	B2	Independent user	B2	Independent user	B1	Independent user	B2	Independent user	B2	Independent user

(*) *Common European Framework of Reference for Languages*

Organisational skills and competences

Member in 10 research contracts:

2023 Dezvoltarea unui produs inovativ bazat pe creșterea potențialului terapeutic a unor extracte obținute în cadrul CROMATEC PLUS SRL” (NOVATERA) , Axa prioritara 1 “Cercetare, dezvoltare tehnologica si inovare (CDI) in sprijinul competitivitatii economice si dezvoltarii afacerilor” cu număr de înregistrare electronică SMIS 156316, contract nr 438/390114/17.02.2023.

2020 „SOL-2020-2.4 Dezvoltarea de soluții inovative pentru protecția personalului (expus profesional) și a populației împotriva contaminării cu virusul SARS-CoV-2, Contract de finanțare Nr. 20Sol/2020 și nr.inregistrare UEFISCDI: PN3-P2-402/06.07.2020.

2016-2018 „The superior utilization of the by-product resulting from obtaining the thistle oil by cold pressing [Valorificarea superioara a subprodusului rezultat la obtinerea uleiului de armurariu prin presare la rece]”, PN-III-P2-2.1-BG-2016-0119 (13BG/2016).

2014-2016 „Higher valorisation of vegetable by-products and wastes to support sustainable use of natural resources”, PNII PCCA-2013-4-0361 (145/01.07.2014).

2014-2016 „Highlighting new modulators of calcium-regulated processes using genomic and chemogenomic screens in yeast“: National Research Plan, PN II_PCCA 2013, 203/01.07.2014

2013–2014 „Improving of fruit tree species important for nutrition”, PN-II-CT-RO-MD-2012-1.

2008-2011 „Technological systems and ecosystem types in sustainable fruit for the blueberry, raspberry and black currant cultures”, Program Partnerships in Priority Areas 2007-2013 no. 52153/2008.

2007-2010 „Molecular mechanisms involved in *Saccharomyces cerevisiae* cellular response to heavy metal and oxidative stress”, PNII, IDEI, ID965.

2007-2010 „Sensors and equipment for some food products' quality control”, PNII 71-098.

2007-2010 „Fabrication of multifunctional ecological polymeric materials stabilized with polyphenolic antioxidants from plants”, PNII 71-079.

Member in

eight research contracts in wastewater treatment field

Principal investigator in

two research contracts in wastewater treatment field

Principal investigator in three contracts in medical research field

2023-2025 “Innovative pharmaceutical preparations with topical administration and antimicrobial activity based on new synthetic hybrid compounds [Preparate farmaceutice inovative cu administrare topică și activitate antimicrobiană pe bază de noi compuși de sinteză hibridi]” – FARMINOV, Sectoral Research-Development Plan project (PSCD) (Valoare buget planificat: 466 650 lei)

2023 “Optimizing the Medical Protection of the Civilian Population and Military Deployed in Missions through the Implementation of Mycotoxin T2 Analysis Methods in Drinking Water [Optimizarea Protecției Medicale a Populației Civile și a Militarilor Dislocați în Misiuni prin Implementarea unor Metode de Analiză a Micotoxinei T2 în Apa Potabilă]”- Mico T-2, top-down internal project (Valoare buget planificat: 100 000 lei)

2021 “Syntheses of dihydropyrimidinonic compounds with antimicrobial activity [Sinteze de compuși dihidropirimidinonici cu activitate antimicrobiană]”, internal project (Valoare buget planificat: 26 000 lei).

Member in six contracts in military-medical research field:

2023-2025 „Increasing the capacity of scientific research and medical-military intervention in the management of the consequences of incidents/accidents with CBRN agents [Creșterea capacității de cercetare științifică și de intervenție medico-militară în managementul consecințelor unor incidente/accidente cu agenți CBRN], Program NUCLEU Sănătatea cetățeanului în fața unor temeri majore - SCUT

Organisational skills and competences	<p>2022-2024 “Characterization of some biomarkers of antibiotic resistance in polypharmacoresistant bacterial strains by mass spectrometry and correlation with phenotypic and genotypic methods [Caracterizarea unor biomarkeri ai rezistenței la antibiotice la tulpini bacteriene polifarmacorezistente prin spectrometrie de masă și corelarea cu metode fenotipice și genotipice] ” (MALDI-BioMK), Sectoral Research-Development Plan project (PSCD)</p> <p>2022-2024 „ Development of some preventive medical countermeasures of antichemical protection in case of exposure to neurotoxic agents with military use [Dezvoltarea unor contramăsuri medicale preventive de protecție antichimică în cazul expunerii la agenți neurotoxici cu utilizare militară]” (CHEMPREVENT), Sectoral Research-Development Plan project (PSCD)</p> <p>2021-2024 “The revitalization of the Immunomodulator II product as a food supplement [Revitalizarea produsului Imunomodulator II ca supliment alimentar]” (IMUNO II), Sectoral Research-Development Plan project (PSCD)</p> <p>2020 “Study on the development of medical devices for decontamination of skin and mucous membranes [Studiu privind dezvoltarea unor dispozitive medicale de decontaminare a tegumentelor și mucoaselor]”, internal project.</p> <p>2019-2020 ”The development, through applied scientific research, of medical countermeasures in case of exposure to vesicant chemical agents under operational conditions [Dezvoltarea, prin cercetare științifică aplicativă, a unor contramăsuri medicale în cazul expunerii la agenți chimici vezicanți în condiții operaționale]”, Sectoral Research-Development Plan project (PSCD).</p>
Technical skills and competences	Laboratory experience includes: plant extracts, biologically active natural products- pharmaceuticals, determination of natural compounds, active principles of different pharmaceutical forms, antioxidants, antioxidant activity and total antioxidant capacity of complex samples by chemiluminometric, fluorescence, spectrophotometric and nano-oxides based methods; molecular mechanisms involved in the response of <i>Saccharomyces cerevisiae</i> cells to oxidative stress and heavy metals; enzyme immobilization, determination of enzyme activity.
Computer skills and competences	MS Office
Publications	29 ISI articles, 1 BDI article, over 80 scientific events in the declared field, 1 book chapter, 5 books

Publications

1. Marinescu, M., Popa, C.V., Tănase M.A., Soare A.C., Tablet C., Bala D., Cinteza L.O., Dițu L.M., Gifu I.C., Petcu C., Synthesis, characterization, DFT study and antifungal activities of some novel 2-(phenyldiazenyl)phenol based azo dyes. *Materials*, **2022**,15(22), 8162, FI= 3,748 / 2021, cited 1
2. Marinescu, M., Popa, C.V., Pyridine Compounds with Antimicrobial and Antiviral Activities. *Int. J. Mol. Sci.*, **2022**, 23(10), 5659, FI = 6.208, cited 2
3. Ruta, L.L., Popa, C.V., Farcasanu, I.C., Cytotoxicity of Oleandrin Is Mediated by Calcium Influx and by Increased Manganese Uptake in *Saccharomyces cerevisiae* Cells. *Molecules*, **2020**, 25(18), 4259, FI = 4.411, cited 2
4. Ruta, L.L., Oprea, E., Popa, C.V., Farcasanu, I.C., *Saccharomyces cerevisiae* cells lacking transcription factors Skn7 or Yap1 exhibit different susceptibility to cyanidin. *Heliyon*, **2020**, 6(10), e05352, FI = 2.85/2020-21, cited 2
5. Avramescu, S.M., Butean, C., Popa, C.V., Ortan A., Moraru, I., Temocico, G., Edible and functionalized films/coatings-performances and perspectives. *Coatings*, **2020**, 10(7), 687, FI = 2.86, cited 39
6. Popa C.V., Vasilescu A., Litescu S.C., Danet AF, Metal Nano-Oxide based Colorimetric Sensor Array for the Determination of Plant Polyphenols with Antioxidant Properties. *Anal. Letters*, **2020**, 53(4), 627-645. FI = 2.10, cited 5
7. Ruta L.L., Nicolau I., Popa C.V., Farcasanu I.C., Manganese Suppresses the Haploinsufficiency of Heterozygous *trp1Δ/TRPY1* *Saccharomyces cerevisiae* Cells and Stimulates the TRPY1-Dependent Release of Vacuolar Ca^{2+} under H_2O_2 Stress. *Cells*, **2019**, 8(2), 79. FI = 4.829/2018, cited 4.
8. Lungu L., Popa C.V., Marinescu M., Tecuceanu V., Danet AF, Bercu V., Antioxidant Capacity of Some *Calendula* Extracts by EPR Spectroscopy. *Rom. Rep. Phys.*, **2019**, 71(4), 706. FI = 2.18, cited 1.
9. David M., Serban A., Popa C.V., Florescu M., A nanoparticle-based label-free sensor for screening the relative antioxidant capacity of hydro soluble plant extracts. *Sensors*, **2019**, 19(3), 590. FI= 3.275, cited 6.
10. Ruta L.L., Popa C.V., Nicolau I., Farcasanu I.C., Epigallocatechin-3-O-gallate, the main green tea component, is toxic to *Saccharomyces cerevisiae* cells lacking the Fet3/Ftr1, *Food Chem.*, **2018**, 266(15), 292-298. FI = 5.84, cited 4.
11. Lungu L., Savoiu M.R., Manolescu B.N., Farcasanu I.C., Popa C.V., Phytotoxic and antioxidant activities of leaf extracts of *Ailanthus altissima* Swingle. *Rev. Chim. (Bucharest)*, **2016**, 67(10), 1928-1931. FI = 1.232, cited 4.
12. Cristea D., Popa C.V., Litescu S.C., Farcasanu I.C., Danet A.F., Antioxidant assay for fruit juices by using a chemiluminescent method based on the Co(II)EDTA/luminol/ H_2O_2 system. *Rev. Chim. (Bucharest)*, **2016**, 67(5), 825-828. FI = 1.232, cited 0.
13. Ruta L.L., Popa C.V., Nicolau I., Farcasanu I.C., Calcium signaling and copper toxicity in *Saccharomyces cerevisiae* cells, *Environ Sci Pollut Res.* **2016**, 23(24), 24514-24526. FI = 2.85, cited 12
14. Zbucea A., Lungu L., Popa C.-V., Tecuceanu V., Alexandru V., Tatia R., An innovative ointment made of natural ingredients with increased wound healing activity. *Rom. Biotech. Lett.*, **2016**, 21(1), 11176-11185. FI = 0.396, cited 3
15. Popa C.V., Farcasanu I.C., Chivulescu A., Badea-Doni M., Cheregi M.-C., Danet A.F., Optimization of a FIA-CL Method using Luminol and Co(II) Catalyst in Presence of a Chelator for Total Antioxidant Capacity Determination. *Rev. Chim. (Bucharest)*, **2015**, 66(9), 1288-1292. FI = 0.956, cited 3
16. Ene C.D. Ruta L.L., Nicolau I., Popa C.-V., Iordache V., Neagoe A.D., Farcasanu I.C., Interaction between lanthanide ions and *Saccharomyces cerevisiae* cells. *J Biol Inorg Chem.*, **2015**, 20(7), 1097-1107. FI = 2.495, cited 12
17. Popa C.-V., Lungu L., Cristache L.F., Ciuculescu C., Danet A.F., Farcasanu I.C., Heat shock, visible light or high calcium augment the cytotoxic effects of *Ailanthus altissima* (Swingle) leaf extracts against *Saccharomyces cerevisiae* cells. *Nat. Prod. Res.*, **2015**, 29(18), 1744–1747. FI = 1.057/2015-2016, cited 7
18. Ruta L.L., Popa C.V., Nicolau I., Danet A.F., Iordache V., Neagoe A.D., Farcasanu I.C., Calcium signaling mediates the response to cadmium toxicity in *Saccharomyces cerevisiae* cells. *FEBS Lett.*, **2014**, 588(17), 3202-3212. FI = 3.44; cited 22
19. Oprea E., Ruta L.L., Nicolau I., Popa C.V., Neagoe A.D. and Farcasanu I.C., *Vaccinium corymbosum* L. (blueberry) extracts exhibit protective action against cadmium toxicity in *Saccharomyces cerevisiae* cells. *Food Chem.*, **2014**, 152, 516-521. FI = 3.391; cited 24
20. Popa C.-V., Cristea N.I., Farcasanu I.C., Danet A.F., Total Antioxidant Capacity of Some Fruit Seeds Extracts. *Rev. Chim. (Bucharest)*, **2013**, 64(12), 1377-1380. FI = 0.677; cited 1

Publications

21. Popa C.-V., Danet A.F., Jipa S., Zaharescu T., Determination of Total Antioxidant Capacity of some Fruit Juices and Noncarbonated Soft Drinks by a FIA-CL Method. Rev. Chim. (Bucharest), **2012**, 63(10), 978-983. FI = 0.538, cited 6
22. Popa C.-V., Farcasanu I.C., Jipa S., Zaharescu T., Danet A.F., Chemiluminescence Determination of the Total Antioxidant Capacity of Rosemary Extract. Rev. Chim. (Bucharest), **2012**, 63(7), 715-719. FI = 0.538, cited 5
23. Popa C.-V., Lungu L., Savoiu M., Bradu C., Dinoiu V., Danet A.F., Total antioxidant activity, phenols and flavonoids content of several plant extracts. Int. J. Food Prop., **2012**, 15(3), 691-701. FI = 0.877, cited 27
24. Lungu L., Popa C.-V., Morris J. and Savoiu M., Evaluation of phytotoxic activity of *Melia azedarach* L. extracts on *Lactuca sativa* L. Rom. Biotech. Lett., **2011**, 16(2), 6089-6095. FI = 0.349, cited 23
25. Popa C.V., Dumitru .I, Ruta L.L., Danet A.F., Farcasanu I.C., Exogenous oxidative stress induces Ca release in the yeast *Saccharomyces cerevisiae*. FEBS J., **2010**, 277, 4027-4038. FI = 3.129, cited 58
26. Lungu L., Popa C.-V., Savoiu M., Danet A.F., Dinoiu V., Antioxidant activity of *Brassica oleracea* L., *Allium cepa* L. and *Beta vulgaris* L. extracts. Rev. Chim. (Bucharest), **2010**, 61(10), 911-914. FI = 0.693, cited 8
27. Popa C.-V., Danet A.F., Jipa S., Zaharescu T., Determination of total antioxidant activity of wines using a flow injection method with chemiluminescence detection. Rev. Chim. (Bucharest), **2010**, 61(1), 11-17. FI = 0.693, cited 23
28. Jipa S., Zaharescu T., Kappel W., Danet A.F., Popa C.-V., Bumbac M., Gorghiu L.M., Maris A.M., The effects of γ -irradiation on the antioxidant activity of rosemary extract. Optoelectron. Adv. Mat.– Rapid Commun., **2009**, 3(12), 1315 -1320. FI = 0.451, cited 3
29. Popa E., Popa V.C., Manea G., Chromogenic substrates specific for *alpha*-amylase. Rev. Chim. (Bucharest), **2003**, 54(2), 164-167. FI = 0.291, cited 0

BDI ARTICLES

1. Secara C.A., Cinteza O.L., Popescu D., Popa C.V., Hirjeu C.A., Voinea O.C., Serbanescu L.G., Pauna A.M., Tudosie M. Innovative therapeutic approach to chemical burns produced by vesicants; an experimental study, J Mind Med Sci., **2022**, 9(2), 294-303, article 12, ISSN 2392 - 7674, DOI: <https://doi.org/10.22543/2392-7674.1355>

Conferences

1. Secara C.A., Popa C.V., Voinea O.C., Coculescu B.I., Avramescu S.M., New approaches regarding the extraction and identification of a natural neuroprotective antidote active in exposure to organophosphorus chemical compounds, 57th Congress of the European Societies of Toxicology, EUROTOX, Ljubljana, Slovenia, 10-13 September **2023** (poster).
2. Marinescu M., Hanganu A.M., Popa C.V., Zalaru C.M., Synthesis, DFT Studies and Antioxidant Activities of Some Pyrimidine Compounds, 6th International Conference on Emerging Technologies in Materials Engineering, EmergeMAT, 9-10 November **2023**, Bucharest, Romania (poster).
3. Marinescu M., Popa C.V., Zalaru C.M., Synthesis, Cytotoxicity and Antioxidant Activity of Sym-Octahydroacridine Complexes, 6th International Conference on Emerging Technologies in Materials Engineering, EmergeMAT, 9-10 November **2023**, Bucharest, Romania (poster).
4. Zalaru C.M., Popa C.V., Marinescu M., Tatia R., Cimpeanu C.E., Medeleanu E., Ciobanu I.C., Identification, Determination of the Content of Bioactive Compounds and Evaluation of The Antitumor Activity of Chrysanthemum Extracts, 6th International Conference on Emerging Technologies in Materials Engineering, EmergeMAT, 9-10 November **2023**, Bucharest, Romania (poster).
5. Dumitrescu I., Popa C.V., Marinescu M., Tatia R., Zalaru C.M., Valorization of Phytocompounds from Biodegradable Waste, 6th International Conference on Emerging Technologies in Materials Engineering, EmergeMAT, 9-10 November **2023**, Bucharest, Romania (poster).
6. Popa C.V., Secara C.A., Neculescu M., Vladimirescu A.F., Suhaianu V., Cercetari Preliminarii privind Determinarea Toxinei T-2 in Apa Potabila [Preliminary Research on the Determination of T-2 Toxin in Drinking Water], Conferința științifică anuală a Institutului „Cantacuzino” Cercetare Aplicată și Protecție Medicală, 21-23 noiembrie **2023**, Bucuresti, Romania (oral communication).
7. Popa C.V., Marinescu M., Secara C.A., Popescu D.M., Activitatea Antioxidanta si Citotoxicitatea unor Compusi Pirimidinici [Antioxidant Activity and Cytotoxicity of some Pyrimidine Compounds], Conferința științifică anuală a Institutului „Cantacuzino” Cercetare Aplicată și Protecție Medicală, 21-23 noiembrie **2023**, Bucuresti, Romania (oral communication).
8. Secara C.A., Popa C.V., Popescu D.M., Voinea O.C., Catrina A.M., Spandole-Dinu S.M., Cinteza L.O., Cudălbeanu M., Testări medicale și farmacotoxicologice privind optimizarea antidotismului preventiv în cazul expunerii la agenți chimici neurotoxici [Medical and pharmacotoxicological tests on the optimization of preventive antidotism in exposure to neurotoxic chemical agents], Conferința științifică anuală a Institutului „Cantacuzino” Cercetare Aplicată și Protecție Medicală, 21-23 noiembrie **2023**, Bucuresti, Romania (oral communication).
9. Ionescu L.E., Secara C.A., Spandole-Dinu S.M., Catrina A.M., Popescu D.M., Hîrjău A.C., Neculescu M., Popa C.V., Radu S., Andone A., Calborean O., Haidoiu C., Neagu R., Suhaianu V., Ardeleanu D., Marandiuc IM, Negrea S.M., Cercetări multidisciplinare de testare, diagnostic și/sau strategii terapeutice aplicabile în cazul expunerii experimentale la simulatori/agenți CBRN [Multidisciplinary research of testing, diagnostic and/or therapeutic strategies for experimental exposure to CBRN simulators/agents], Conferința științifică anuală a Institutului „Cantacuzino” Cercetare Aplicată și Protecție Medicală, 21-23 noiembrie **2023**, Bucuresti, Romania (oral communication).
10. Giol E.D., Caras I., Popa C.V., Tarabuta P., Antonoiu S., Palela M., Tofan V.-C., Onu A., Stavaru C., Gelatin-based jellies – a novel formulation approach of a traditional immunomodulator [Jeleuri gumate – o noua abordare de formulare a unui imunomodulator tradițional] (oral communication), Conferința anuală a Institutului Cantacuzino ”Progrese în Cercetarea Biomedicală de Interes Strategic”, 23-25 noiembrie **2022**, Bucuresti, Romania ; Romanian Archives of Microbiology and Immunology, Suppl. Special Issue; Bucharest, **2022**, 81, 51-53.
11. Secara C.A., Avramescu S.M., Marinescu M., Popescu D.M., Voinea O.C., Coculescu B.I., Popa C.V., Cercetari stiintifice privind identificarea, izolarea si caracterizarea fizico-chimica a galantaminei din extracte vegetale [Scientific Research on the Identification and Isolation of Galantamine from Plant Extracts] (oral communication), Conferința anuală a Institutului Cantacuzino ”Progrese în Cercetarea Biomedicală de Interes Strategic”, 23-25 noiembrie **2022**, Bucuresti, Romania; Romanian Archives of Microbiology and Immunology, Suppl. Special Issue, **2022**, 81, 77-78.
12. Anca S.C., Catrina M.A., Coculescu I.B., Popa V.C., Serbanescu G.L., Voinea O.C., Experimental Evaluation of Skin Toxicity of Vesicant Chemicals and the Effectiveness of a New Complex Treatment (e-poster), IUTOX XVIth International Congress of Toxicology, Maastricht, Netherlands, September 18th - 21st, **2022**, Abstract book ”Toxicology Letters” 368(3) (**2022**) S287–S288

Conferences

- 13.Popa C.V., Avramescu S., Oprea E., Nicola C., Paraschiv M., Hertzog R.G., Coman M. Antioxidant activity and phenolic profile of some berries varieties (oral presentation), Sesiunea Stiintifica anuala a ICDP Pitesti-Maracineni, 22 iulie **2022**, Pitesti-Maracineni, Romania.
- 14.Popa C.V., Marinas I.C., Gradisteanu Pircalabioru G., Gae A.A., Cudalbeanu M., Paraschiv M., Oprea E. The antibacterial and biocompatible hydrogel containing Ziziphus jujuba extract and Mentha x piperita essential oil for wound protection, (poster). The 10th Edition of the Scientific Conference of the Doctoral Schools from "Dunarea de jos" SCDS-UDJG **2022**, 9 - 10th June 2022, Galați, Romania.
- 15.Marinescu M., Popa C.V., Cinteza L.O., Zalaru, C.-M. Synthesis, biological activity and DFT studies of new hydroxypyrimidine compounds. e-Poster at 10th Edition of International Conference on World Pharmaceutical Sciences & Drug Delivery, Theme: Exploring the latest research in Pharma and Biopharma; Track 12. Biopharmaceutical Drug Design and Development, August 26-27, **2021**, London, UK.
- 16.Litescu, S.-C., Danet, A.-F., Cheregi, C.M., Popa, C.V., Analysis and recovery of silymarin from the by-product resulted in processing of milk thistle oil (poster), Advances in Food Chemistry Conference, AdFoodChem 2021 International Conference, 15-17th April **2021**, on-line
- 17.Popa C.V., Avramescu S., Oprea E., Coman M., Marinescu M., Petreanu I.M., Iacob C., Antioxidant and UV Protection Effect of Selected Types of Berries (poster), 23rd International Conference "New Cryogenic and Isotope Technologies for Energy and Environment" - EnergEn 2021, October 26 – 29, **2021**, on-line.
- 18.Marinescu M., Cinteza L.O., Secara C.A., Popa C.V., Synthesis, DFT Study, Antimicrobial and Antioxidant Activity of Some Hydroacridines (oral communication), Simpozionul omagial „Institutul Cantacuzino, 100 de ani în slujba sănătății”, 25-27 noiembrie **2021**, Bucuresti, Romania.
- 19.Marinescu M., Popa S., Popa C.V., Popescu D.M., Ionescu E.L., Zalaru C.M., Synthesis, Characterization and Antimicrobial Activity of Some Dihydropyrimidine-2(1h)-Ones (oral communication), Simpozionul omagial „Institutul Cantacuzino, 100 de ani în slujba sănătății”, 25-27 noiembrie **2021**, Bucuresti, Romania.
- 20.Secara C.A., Popa C.V., Popescu D.M., Catrina A.M., Neculescu M., Zapciu A., Amza C.G., Auto-injector device for administering antidotes in CBRN risk situations (oral communication), Simpozionul omagial „Institutul Cantacuzino, 100 de ani în slujba sănătății”, 25-27 noiembrie **2021**, Bucuresti, Romania.
- 21.Negru V.C., Oprea E., Nicola C., Marinescu M., Popa C.V., Antioxidant Capacity of Some Extracts from Aronia and Lonicera Fruits (oral communication), 17th International Symposium "Priorities of Chemistry for a Sustainable Development" PRIOCHEM, 27-29 October–**2021**, on-line.
- 22.Gae A.A., Popa C.V., Oprea E., Solvents' Influence on Ziziphus Folium Yield Extracts (oral communication), 17th International Symposium "Priorities of Chemistry for a Sustainable Development" PRIOCHEM, 27-29 October **2021**, on-line.
- 23.Marinescu M., Cinteza L.O., Popa C.V., Gifu I.C., Burlacu S.G., Petcu C., Synthesis, Characterization and Antimicrobial Activities of Some Schiff Bases With Non-Linear Optical Applications (oral communication), 17th International Symposium "Priorities of Chemistry for a Sustainable Development" PRIOCHEM, 27-29 October **2021**, on-line.
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