

*Curriculum vitae*  
**Marioara Nicoleta FILIMON**

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<http://www.researcherid.com/rid/C-1904-2012>



**EDUCAȚIE:**

- 2010-2014, Inginer zootehnist, USAMVBT, Facultatea de Zootehnie și Biotehnologii, lucrare de licență ”*Cercetări privind calitatea laptelui de capră pe baza analizelor chimice și microbiologice*”, conducător științific Șef lucr. dr. Ing. Voia Octavian Sorin
- 2009-2011, studii postuniversitare de specializare Chimie, Universitatea de Vest din Timișoara, Facultatea de Chimie, Biologie, Geografie, lucrare cu titlul ”*Efectul substanțelor xenobiotice asupra activităților enzimactice ale microorganismelor din sol*”, conducător științific Prof. dr. Ostafe Vasile
- 2007-2009, Master în Biologia și genetica dezvoltării, Universitatea de Vest din Timișoara, Facultatea de Chimie, Biologie, Geografie, lucrare de disertație cu titlul ”*Impactul poluării asupra comunităților de microorganisme din sedimentele râurilor Jiu și Timiș*”, conducător științific Prof. dr. Checiu Iacob
- 2000-2007, Doctor în Biologie, Universitatea Babeș-Bolyai Cluj Napoca, Facultatea de Biologie și Geologie, ”*Studii bacteriologice și enzimactice asupra apei și sedimentului Râului Crișul Alb*”, coordonator științific Prof. univ. dr. Dragan-Bularda Mihai
- 2002 august obținerea gradul didactic în învățământul preuniversitar - Definitivat
- 1996-2000, Biolog, Universitatea de Vest din Timișoara, Facultatea de Chimie, Biologie, Geografie, Departamentul Biologie, lucrare de licență ”*Efectul salinității asupra germinăției semințelor plantelor de cultură*”, conducător științific Conf. dr. Faur Aurel
- 1991-1995, Grup Școlar Industrial ”Mihai Viteazul” Ineu, jud. Arad, Romania

**LOCURI DE MUNCĂ:**

- **2004 – prezent** conferențiar universitar în cadrul Universității de Vest din Timișoara, Facultatea Chimie, Biologie, Geografie la disciplinele: *Microbiologie generală, Microbiologia medicală, Fizologie animală și umană, Funții de nutriție la animale și om, Citologie și culturi de celule, Culturi de celule și țesuturi, Genetică judiciară și microbiologie, Hematologie*
- 2004 - prezent, preparator, asistent, lector universitar în cadrul Universității de Vest din Timișoara, Facultatea Chimie, Biologie, Geografie la disciplinele: *Microbiologie generală, Microbiologia solului, Fizologie animală și umană, Funții de nutriție la animale și om,*

*Ecofiziologie animală și umană, Influența factorilor de mediu asupra dezvoltării microorganismelor, Tehnologia ADN-ul recombinat și a celulelor stem, Genetică judiciară și microbiologie,*

- 2000-2004, cadru didactic titular, profesor Biologie, Grup Școlar Industrial "Mihai Viteazul" Ineu, jud. Arad,

- 1995-1996, cadru didactic suplinitor, Grup Școlar Industrial "Mihai Viteazul" Ineu, jud. Arad.

## CONTRACTE DE CERCETARE

1. **"Studiul asupra poluării apei din canalul Bega – Variații în cadrul populațiilor de microorganisme care intervin în biodegradarea unor poluanți"**, SC 2006-7275, contract de cercetare cu Primăria Municipiului Timișoara, 2006, responsabil de proiect, sursa de finanțare Primăria Municipiului Timișoara, suma alocată 3000 lei. A fost posibilă achiziționarea de reactivi și consumabile de laborator pentru desfășurarea activităților practice de predare și pentru continuarea unor cercetări începute privind calitatea apelor de suprafață din zona de Vest a României pe baza analizelor bacteriologice și enzimatiche.

2. Proiectul cu Serbia are codul 464, **"Cross-border network for advanced training research in environmental protection"**, acronym RoS-NET, proiect din Programul IPA de Cooperare Transfrontalieră România-Republica Serbia, 2011-2012, Membră în echipa de cercetare - Biolog, suma alocată 1.000.000 euro.

3. **"Studiu de poluare bacteriologică și chimică"**, Contract de cercetare științifică nr. 16614/30.07. 2012, cu firma SC MReal Estate Romania SRL, director de proiect, sursa de finanțare SC MReal Estate Romania SRL, suma alocată 7415 lei. Datele obținute au fost predate firmei, iar banii obținuți au fost utilizați pentru achiziționarea de reactivi și consumabile de laborator pentru desfășurarea activităților practice de predare și pentru continuarea unor cercetări începute privind efectul substanțelor xenobiotice asupra comunităților de microorganisme din sol.

4. **"Metabolization of difenoconazole by crop plants and fungi communities from soil"** Contract de cercetare științifică CNCSIS - Numarul de contract pentru proiectul PD, este 38/29.04.2013, nr. de inregistrare UEFISCDI este 449/29.04.2013, director de proiect, sursa de finanțare Ministerul Educației și Cercetării CNCSIS- UEFISCDI suma alocată 278804 lei.

5. **"Dezvoltarea creativității și a capacității de inovare prin abordări interdisciplinare și facilitarea inserției absolvenților pe piața muncii"** proiectului POSDRU 161/2.2/G/133468, Expert pe termen lung.

6. **"Studiu privind calitatea factorilor de mediu în comuna Zăvoi (intravilan și extravilan), al cărei teritoriu administrativ are partial inclus situl ROSCI0126 Munții Țarcu și situl ROSCI0217 Retezat suprapus cu aria de protecție specială avifaunistică ROSPA0084 Munții Retezat, ca prim pas înspre planificarea unei dezvoltări susținute a comunei, care să integreze pe lângă aspectele economice și sociale și aspectele privind protecția mediului"**, Expert Biolog.

## Lista lucrărilor publicate

### TITLUL TEZEI DE DOCTORAT

**Cercetării bacteriologice și enzimologice asupra apei și sedimentului din râul Crișul Alb**, coordonator științific prof. univ. dr. Mihai Drăgan-Bularda, susținută în anul 2007

## LUCRĂRI ȘTIINȚIFICE - reviste cotate ISI si AIS

1. Vlad CS, Vlaia L, Vlaia V, Dumitrașcu D, **Filimon MN\***, Popescu R, Cimporescu A, Dehelean C, Onwubiko CE, Vlad DC, 2019, Chromatographic analysis and antibacterial potential of extracts of *Gnetum africanum*, *Farmacia*, 67(6):1083-1090
2. Pacioglu O, Ianovici N, **Filimon MN**, Sinitean A, Iacob G, Barabas H, Pahomi A, Acs A, Muntean H, Pârvulescu L, 2019, The multifaceted effects induced by floods on the macroinvertebrate communities inhabiting a sinking cave stream, *International Journal of Speleology*, 48(2): 167-177 (IF 1.130, AIS 0.500)
3. Mituletu M, **Filimon MN\***, Vlad DC, Cimporescu A, Dumitrescu E, Dumitrescu G, Nica C, Sinitean A, Verdes D, 2019, Effect of Lead Toxicity on the Structure and Function of Organs in Rats, *Rev.Chim.(Bucharest)*, 70(5):1639-1642, (IF 1,412, AIS 0.100)
4. **Filimon M.N.**, Popescu R., Sinitean A., Maniu P., Dumitrescu G., Verdes D., Vlad C.S., 2018, The Assessment of Chitosan Solutions Effects on Bacterial Strains, *REV.CHIM.(Bucharest)*, 69(6): 1485-1488, (IF 1,262, AIS 0.100)
5. Voia O.S., Foale D., Padeanu I., Gavojdian D., Polen T., **Filimon M.N.\***, 2018, Influence of Prosimbiont E product on growth and haematological indices in young goats, *Romanian Biotechnological Letters*, 23(3): 13654-13660.
6. Dumitrescu G., Dronca D., Petculescu Ciochina L., Ahmadi M., Pet I., **Filimon M.N.**, Popescu R., 2018 Effects of Octylphenol Biodegradation and Toxicity in Biological Systems, *REV.CHIM.(Bucharest)*, 69(7): 1710-1713, (IF 1,262, AIS 0.100)
7. **Filimon M.N.**, Popescu R., Verdes D., Dumitrescu G., Voia O.S, Ahmadi M., Dronca D., 2018, The Effects of Difenoconazole Treatment on Microorganism from Soil, *REV.CHIM.(Bucharest)*, 69(5): 1129-1133, (IF 1,262, AIS 0.100)
8. Dumitrescu G., Pet I., Dronca D., Ahmadi M., Petculescu Ciochina L., **Filimon M.N.**, Popescu R., 2018, New Research about the Effect of Octylphenol (4-tOP) on Histological Structure of Testis in Mice, *REV.CHIM.(Bucharest)*, 69(1): 140-143 (IF 1,262, AIS 0.100)
9. **Filimon M.N.**, Popescu R., Horhat F.G., Voia O.S., 2016, Environmental impact of mining activity in Bor area as indicated by the distribution of heavy metals and bacterial population dynamics in sediment, *Knowledge and Management of Aquatic Ecosystems*, 417(30). DOI:10.1051/kmae/2016017, (IF 1,217, AIS 0.100)
10. Popescu R., Daliborca CV., Cimporescu A., Vlad CS., Verdes D., Botau D., **Filimon MN.**, Pauliuc I., Citu C., Dumitrascu V., 2016, Chemical Properties and in vitro Antitumor Effects of *Momordica Charantia* Extracts in Different Solvents, *Revista de Chimie*, 67 (1):69-73, (IF 1,262, AIS 0.100)
11. **Marioara Nicoleta Filimon**, Sorin Octavian Voia, Diana-Larisa Vlădoiu, Adriana Isvoran, Vasile Ostafe, 2015, Temperature dependent effect of difenoconazole on enzymatic activity from the soil, *Journal of the Serbian Chemical Society* 80(9), 1127-1137, IF 0.871 AIS 0.200
12. Diana-Larisa Vlădoiu, **Marioara Nicoleta Filimon**, Vasile Ostafe, Adriana Isvoran, Effects of herbicides and fungicides on the soil chitinolytic activity. A molecular docking approach, *Ecological Chemistry and Engineering S*, 22(3), 439-450, IF 0.553 AIS 0.200
13. Dragos V. Nica, **Marioara Nicoleta Filimon**, Despina-Maria Bordean, Monica Harmanescu, George Andrei Draghici, Simona Dragan, Iosif I. Gergen, 2015, Impact of Soil Cadmium on Land Snails: A Two-stage Exposure Approach under Semi-field Conditions using Bioaccumulative and Conchological End-points of Exposure, *PLOS ONE*, DOI:10.1371/journal.pone.0116397, (IF =3.534; AIS= 2.563)
14. **Marioara Nicoleta Filimon**, Sorin Octavian Voia, Roxana Popescu, Gabi Dumitrescu, Liliana Petculescu Ciochina, Mihai Mituletu, Daliborca Cristina Vlad, 2015, The effect of some insecticides on soil microorganisms based on enzymatic and bacteriological analyses,

- Romanian Biotechnological Letters, 20(3), 10439-10447 (IF =0.363; AIS= 0.071)
15. Octavian Sorin Voia, **Marioara Nicoleta Filimon**, Gabi Dumitrescu, Liliana Petculescu-Ciochină, 2014, The effect of feed processing on ruminal parameters in intensively fattened lambs, Romanian Biotechnological Letters Vol. 19, No.6, 9997-10005 (IF =0.363; AIS= 0.071)
16. Diana Laura Vladoiu, **Marioara Nicoleta Filimon**, Vasile Ostafe, Adriana Isvoran, 2014, Assessment Of Pesticides Interactions With *Bacillus pasteurii* Urease. A Computational Study, Romanian Journal of Physics, Vol. 60, Nos. 3–4, p. 583–592, Bucharest, 2015, (IF 0.924)
17. **Marioara Nicoleta Filimon**, Sorin Octavian Voia, Roxana Popescu, Despina Maria Bordean, Diana Larisa Vladoiu, Mihai Mituletu, Vasile Ostafe, 2014, The effect of chlorsulfurone and MCPB-Na on the enzymatic activity of microorganisms, J. Serb. Chem. 79(9) 1075–1084, 2014, doi: 10.2298/JSC140115031F. (IF =0.871; AIS= 0.1546)
18. Liliana Petculescu Ciochină, Gabi Dumitrescu, Nicolae Pacala, Octavian Sorin Voia, Roxana Popescu, **Nicoleta Marioara Filimon**, 2014, IHC-P analysis of apoptotic process, in adult mouse ovary, by highlighting the Bcl-2 and Bax proteins, Romanian Biotechnological Letters, 19(2):9119-9127. (IF =0.349; AIS= 0.0500)
19. Gabi Dumitrescu, Liliana Petculescu Ciochină, Lorena Stana, Iuliana Crețescu, Roxana Popescu, **Nicoleta Marioara Filimon**, Octavian Sorin Voia, 2014, Acute effects of tetrabutylammonium chloride ionic liquid on the histological structure of liver and kidney in the mouse, Romanian Biotechnological Letters, 19(1): 8925-8934. (IF =0.349; AIS= 0.0500)
20. **Marioara Nicoleta Filimon**, Roxana Popescu, Daliborca Cristina Vlad, Victor Dumitrascu, Marioara Cornianu, Sorin Octavian Voia, Doina Verdes, 2013, Liver and kidney morphofunctional alteration induced by deoxynivalenol (DON), Romanian Biotechnological Letters, 18(6):7263-7272. (IF =0.349; AIS= 0.0500)
21. **Marioara Nicoleta Filimon**, Dragos V Nica, Vasile Ostafe, Despina-Maria Bordean, Aurica Breica Borozan, Daliborca Cristina Vlad, Roxana Popescu, 2013, Use of enzymatic tools for biomonitoring inorganic pollution in aquatic sediments: a case study (Bor, Serbia), Chemistry Central Journal, 7:59. (IF =1.31; AIS= 0.8439)
22. Dana Craciun, Beatrice Vlad-Oros, **Nicoleta Filimon**, Vasile Ostafe, Adriana Isvoran, 2013, A computational approach of structural properties of glycoside hydrolases family 4 from bacteria, Acta Biochimica Polonica, 60(4):553-564. (IF =1.185; AIS= 0.4208)
23. Florin Borcan, Constantin Bolcu, **Nicoleta Filimon**, Geza Bandur, 2012, The synthesis and characterization of the polyurethanes with antimicrobial properties, e-Polymers, no. 080:1-8, <http://www.e-polymers.org>, ISSN 1618-7229. (IF =0.515; AIS= 0.1373)
24. **Marioara Nicoleta Filimon**, Aurica Breica Borozan, Despina Maria Bordean, Roxana Popescu, Smaranda Rodica Gotia, Doina Verdes, Sinitean Adrian, 2011, Sulphonylureic herbicidal risk in the detection of soil fungi communities, African Journal of Microbiology Research, 5(30): 5507-5511. (IF =0.539; AIS= 0.0727)
25. Vasile-Daniel Gherman, Jean-Gabriel Bréhéret, Andrei Motoc, Corina Samuila, **Marioara Nicoleta Filimon**, Aurica Borozan, 2008, The microbial oxidation of iron and sulphur in an acid solution from an auriferous sulphides mine from the South-West of Romania, Revista de Chimie București, 59(11): 1276-1280. (IF =0.599; AIS= 0.0347)

### ISI proceeding

1. **Filimon MN.**, Popescu R., Dumitrescu G., Bordean D., Feier AI., 2016, Microbiological and Biochemical Studies in Water and Sediment of the Jiu River - SW Romania, Ecology, Economics, Education and Legislation Conference Proceedings, Sgem 2016, Vol I, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, p. 435-442.

2. **Filimon MN.**, Popescu R., Vlad DC., Bordean DM., Verdes D., 2016, Antimicrobial and Antifungal Activity of Aqueous and Ethanol Extracts of *Momordica Charantia* L. Leaves, Nano, Bio and Green - Technologies for A Sustainable Future Conference Proceedings, Sgem 2016, Vol I, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, p. 405-412.
3. Hernea S., Feier A., **Filimon MN.**, Ciorteia I., Buzdugan, M., 2016, Robustness A Concept in Case of Historic Bridges. Economical Studies Regarding Rehabilitation and Robustness, Ecology, Economics, Education and Legislation Conference Proceedings, Sgem 2016, Vol III, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, p. 509-514
4. **Marioara Nicoleta Filimon**, Sorin Octavian Voia, Adriana Isvoran, Roxana Popescu, Vasile Ostafe, Study of the possible indirect effect of difenoconazole on soil microorganisms, Nano, Bio and Green - Technologies for a Sustainable Future, Conference Proceedings Volume, Micro and nano Technologies, Advances in Biotechnology, 2015, p. 575-582.
5. Voia SO., **Filimon MN.**, Gavojdian D., Csiszter LT., 2015, Estimating growth curves in unweaned lambs through stimulation of rumen function, Nano, Bio and Green - Technologies for a Sustainable Future, Conference Proceedings Volume, Micro and nano Technologies, Advances in Biotechnology, p. 419-426
6. Diana-Larisa Vlădoiu, **Marioara Nicoleta Filimon**, Vasile Ostafe, Adriana Isvoran, Computational analysis of difenoconazole interaction with soil chitinases, Journal of Physics: Conference Series 574 (2015) 012012, doi:10.1088/1742-6596/574/1/012012
7. Vlădoiu, DL., **Filimon, NM.**, Ostafe, V., Isvoran, A., 2015, Effects of herbicides and fungicides on the soil chitinolytic activity. A molecular docking approach. FEBS JOURNAL, P14-015, 282: 132-132
8. Diana-Larisa Vlădoiu, **Marioara Nicoleta Filimon**, Vasile Ostafe, Adriana Isvoran, 2014, Computational analysis of difenoconazole interaction with soil chitinase, Edited by: Vagenas, EC; Vlachos, DS; Bastos, C; Hofer, T; Kominis, Y; Kosmas, O; LeLay, G; DePadova, P; Rode, B; Surraud, E; Varga, K.; 3RD International Conference On Mathematical Modeling In Physical Sciences (IC-MSQUARE 2014), Book Series: Journal of Physics Conference Series, Volume: 574, Article Number: 012012, DOI: 10.1088/1742-6596/574/1/012012
9. Pasca M., Cojocariu L., Borozan AB., Bordean DM., Popescu R., **Filimon MN.**, Gherman V., Horablaga NM., 2013, Rhizodeposit a disturbing factor of soil microbial balance, Geoconference On Water Resources, Forest, Marine And Ocean Ecosystems, Book Series: International Multidisciplinary Scientific GeoConference-SGEM, p. 649-654.
10. Bordean, DM., Borozan, AB., Nica, D., Alda, S., Cojocaru, L., Horablaga, M., **Filimon, N.**, Gergen, I., 2012, Assessment of soil copper, cobalt and chromium contamination in old mining areas from Romania, 12th International Multidisciplinary Scientific Geoconference, SGEM 2012, Vol. V, p. 101-108.

#### LUCRĂRI ȘTIINȚIFICE – reviste indexate BDI

1. **Marioara Nicoleta Filimon**, Doru Cotuna, Mihail Drăgan-Bularda, 2004, The dehydrogenase activity in the sediments of the Crișul Alb river, Annals of West University of Timișoara, Ser. Biology, 7:9-14.
2. **Marioara Nicoleta Filimon**, Mirela Cozma, 2005, Variations of the leukocytes and lymphocytes in the case of acute lymphoblastic leukemia, Annals of West University of Timișoara, Ser. Biology, VII:83-90.
3. **Marioara Nicoleta Filimon**, 2005, Preliminary data regarding the water and the sediment of Timis River, Annals of West University of Timișoara, Ser. Biology, VII:73-82.
4. **Marioara Nicoleta Filimon**, 2006, Data regarding the bacteriological and enzymatic activity in the water and sediments of Bârzava River, Annals of West University of Timișoara, Ser. Biology, IX:55-64.
5. **Marioara Nicoleta Filimon**, Mirela Cozma, 2006, Variations regarding leukocyte and lymphocyte number at the patients with malignant non-hodgkin lymphoma, Annals of West University of Timișoara, Ser. Biology, IX:65-72.
6. **Marioara Nicoleta Filimon**, Mihail Drăgan-Bularda, 2007, Seasonale study regarding the faecal pollution of the water from the Crișul Alb river, Studia Universitatis Babeș-Bolyai, Biologia, LII(1):93-101.
7. **Marioara Nicoleta Filimon**, Mihail Drăgan-Bularda, 2007, The quantitative variation of some ecophysiological groups of bacteria from the sediments of the Crișul Alb river, Studia Universitatis Babeș-Bolyai, Biologia, LII(1):103-110.

8. **Marioara Nicoleta Filimon**, Mihaile Drăgan-Bularda, 2007, Studies concerning season variations of the fecaligenic pollution in the Crișul Alb River, *Analele Universității din Oradea, Fascicola Biologie*, XIV:37-42.
9. **Marioara Nicoleta Filimon**, 2007, Enzymological studies regarding the presents of the sediments in Bega channel, *Analele Universității din Oradea, Fascicola Biologie*, XIV: 43-46.
10. **Marioara Nicoleta Filimon**, 2007, Research concerning the Fe circuit in the environment, *Annals of West University of Timișoara, Ser. Biology*, X: 93-102.
11. **Marioara Nicoleta Filimon**, Smaranda Rodica Goția, Laura Goția, George Dan Ion, 2008, The effect of the treatment and the collateral factors during the epilepsy, *Annals of West University of Timișoara, Ser. Biology*, XI:57-68.
12. **Marioara Nicoleta Filimon**, 2008, Seasonal variations of certain ions in the blood after puberty, *Annals of West University of Timișoara, Series of Chemistry*, 17(1):145-156.
13. **Marioara Nicoleta Filimon**, Roxana Popescu, Smaranda Rodica Goția, Laura Goția, Doina Verdes, 2009, Analiza comparativă a unor parametrii din sedimentul urinar la subiecți de sex feminin și masculin, *Annals of West University of Timișoara, Ser. Biology*, XI:9-16.
14. **Marioara Nicoleta Filimon**, Roxana Popescu, Smaranda Rodica Goția, Laura Goția, Doina Verdes, 2009, Studiul unor parametrii biochimici, chimici și celulari din probe de urina, *Annals of West University of Timișoara, Series Biology*, XI:17-24.
15. **Marioara Nicoleta Filimon**, Aurica Breica Borozan, Smaranda Laura Goția, Popescu Roxana, Vasile Daniel Gherman, 2009, Testing the Sensitivity of *Staphylococcus aureus* Antibiotics, *Analele Universității din Oradea, Fascicola Biologie*, XVI(2):70-73.
16. **Marioara Nicoleta Filimon**, Smaranda Rodica Gotia, Smaranda Laura Gotia, Aurica Borozan, Roxana Popescu, V. D. Gherman, 2009, Bacteriological studies on River Timis with a role in evaluating pollution, 2009, *Annals of RSCB*, XIV(2):284-288.
17. **Marioara Nicoleta Filimon**, Aurica Breica Borozan, Florina Radu, Vasile Gherman, 2009, Study Concerning the Physical and Chemical Composition of Thermo-Mineral Water in Herculane Bay, *Annals of West University of Timișoara, Series of Chemistry*, 18(1): 25-30.
18. **Marioara Nicoleta Filimon**, Rodica Török-Oance, Adrian Sinitean, Aurica Borozan, Florina Radu, 2009, Estimation of the efficiency of the Floricola S.A. Orsova water purification station in the reduction of surface water pollution, *Annals of West University of Timișoara, Series of Chemistry*, 18 (3):27-36.
19. **Marioara Nicoleta Filimon**, Gheorghe Ianos, Aurica Breica Borozan, Florina Radu, Sorin Raducan, 2009, Bacteriology and enzymology studies on soil from the Crisul Alb River meadow, *Annals of West University of Timișoara, Series of Chemistry*, 18 (3): 13-20.
20. Roxana Popescu, Doina Verdes, Laura Gotia, Emilia Nicoara, **Nicoleta Filimon**, Gabriela Mutiu, Florin Bogdan, 2009, Relationship between hepatitis B and C virus prevalence and risk factors, *Analele Universității din Oradea, Fascicola Biologie*, XVI-2:119-122.
21. R. Popescu, D. Verdes, **Marioara Nicoleta Filimon**, A. Raducan, E. Nicoara, 2009, Serum alanine aminotransferase levels in chronic hepatitis, *Annals of West University of Timișoara, Series of Chemistry*, 18 (3):21-26.
22. Roxana Popescu, Doina Verdes, Ioana Muntean, Smaranda Rodica Gotia, **Nicoleta Filimon**, 2009, Alcoholic hepatitis histological and immunohistochemical study, *Annals of RSCB*, XIV(2):215-219.
23. Smaranda Rodica Gotia, C. Solovan, Laura Smaranda Gotia, Doina Verdes, Roxana Popescu, **Nicoleta Filimon**, 2009, Ultraviolet radiation and reactive oxygen species in psoriasis patients, *Annals of RSCB*, XIV(2):199-203.
24. Goția Smaranda Rodica, Goția Smaranda Laura, **Filimon Nicoleta**, 2009, Acute alcohol poisoning in teens, *Central European Journal of Occupational And Environmental Medicine*, 14 (4):357-361.
25. **Marioara Nicoleta Filimon**, Aurica Borozan, Vasile Gherman, Adrian Sinitean, 2010, Pollution In Hydrographic System Cernabelareca-Danube Based On The Enzymatic Activity Of Sediments, *Annals of West University of Timisoara, Series of Chemistry* 19 (1):17-22.
26. **Marioara Nicoleta Filimon**, Aurica Borozan, Despina Bordean, Popescu Roxana, Adrian Sinitean, Corina Misca, 2010, Microscopic fungi, a source for qualitative impairment of meat products, *Journal of Agroalimentary Processes and Technologies*, 16(3):390-393.
27. **Marioara Nicoleta Filimon**, Roxana Popescu, Smaranda Laura Gotia, Smaranda Rodica Gotia, Aurica Breica Borozan, 2010, Studies on hepatitis B virus in blood donors, *Annals of RSCB*, XV(1):188-192.
28. **Marioara Nicoleta Filimon**, Aurica Borozan, Adrian Sinitean, Popescu Roxana, Rodica Torok-Oance, Doina Verdes, 2010, Bacteriological studies on Timis and Bega Rivers with a role in appreciating pollution, *Annals of RSCB*, XV(2):217-220.

29. **Marioara Nicoleta Filimon**, Aurica Borozan, Despina Bordean, Florina Radu, Roxana Popescu, 2010, Microorganisms, Qualitative Indicators for Meat Products, Animal Science and Biotechnologies, 43(2):346-349.
30. Roxana Popescu, Doina Verdes, Ioana Muntean, **Marioara Nicoleta Filimon**, Emilia Nicoara, 2010, Serum aspartate aminotransferase levels in chronic hepatitis. Annals of West University of Timisoara, Series of Chemistry 19 (1):41-46.
31. Rodica Török-Oance, Virgiliu Niculescu, **Marioara Nicoleta Filimon**, 2010, Modification Of The Bone Mineral Density, T-Score And Z-Score Values According To Age And Anatomic Region In Osteoporosis Cases, Studia Universitatis Babeş-Bolyai, Biologia, 1, 91-101.
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  48. Diana Larisa Vlădoiu, Nicoleta Filimon, Vasile Ostafe, Adriana Isvoran, A molecular docking approach concerning the effects of herbicides and fungicides on the soil enzymatic activities, 13th National Conference of Biophysics with International Participation, Timisoara, June 4-6 2015, Timisoara, Romania. (Oral presentation)
  49. Diana - Larisa Vlădoiu, Marioara Nicoleta Filimon, Vasile Ostafe, Adriana Isvoran, Effects of herbicides and fungicides on the soil chitinolytic activity. A molecular docking approach, 40th Congress of the Federation of the European Biochemical Societies (FEBS), July 4–9 2015, Berlin, Germany. (Poster presentation)
  50. Diana Larisa Vlădoiu, Marioara Nicoleta Filimon, Vasile Ostafe, Adriana Isvoran, Computational study concerning the effects of herbicides and fungicides on the soil enzymatic activities, 9th International Physics Conference of the Balkan Physical Union (BPU9), Istanbul University, 24-27 August 2015, Istanbul, Turkey. (Oral presentation)
  51. Diana Larisa VLĂDOIU, Mărioara Nicoleta FILIMON, Vasile OSTAFE, Adriana ISVORAN, Computational analysis of difenoconazole interaction with soil chitinase (poster), Conferința

- Internațională de Modelare Matematică, 28-31 august 2014, Madrid, Spania (International Conference on Mathematical Modeling in Physical Sciences, August 28-31, 2014, Madrid, Spain)
52. Marioara Nicoleta Filimon, Adriana Isvoran, Vasile Ostafe, Optimization of Extraction of Difenconazole from Soil for UPLC-MS Analysis, The VI International Conference on Environmental, Industrial and Applied Microbiology - BioMicroWorld2015, 28-30 October, 2015, Barcelona, Spain. (Poster presentation)
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1. **Filimon Nicoleta Marioara**, Gotia Smaranda Rodica, Kristof T. Studies regarding the quality of unbottled mineral water from Buzias city, Romania. Poster presentation. The 10<sup>th</sup> DKMT Euroregional Conference on Crose-border Bioecology and Public Health, May 16-17, 2008, Arad, Romania, Abstract book, p.55-56.
2. Gotia Smaranda Rodica, Solovan C, Gotia Smaranda Laura, Borza C, **Filimon Nicoleta**, Ghitulescu P. Glass fibers dermatitis associated with *Demodex folliculorum* infection. 11<sup>th</sup> DKMT Regional Conference on environment and health, Szeged, Hungary, 15-16 May 2009. Final Programme p. 4, Abstracts Oral presentation p. 10.
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5. **Marioara Nicoleta Filimon**, Aurica Breica Borozan, Florina Radu -Bacteriological and enzymological study of the sediments from the middle course of the Jiu river, The Scientific Conference with International Participation "Durable Agriculture-Agriculture the future" Craiova 2008
6. Aurica Borozan, Florina Radu, Vasile Gherman, **Nicoleta Filimon**, Gheorghe Ștefanic – The effects of sulfonilureea, amidosulfuron and tifenfuron on saccharose activity from soil, The Scientific Conference with International Participation "Durable Agriculture-Agriculture the future" Craiova 2008
7. Borozan Aurica, **Filimon Marioara Nicoleta**, Ștefanic Gh., Hărmănescu Monica, Radu Florina - Quantitative And Qualitative Aspects Of The Most Important Microbial Ecophysiological Groups Under Chemicalization, The Scientific Conference with International Participation "Durable Agriculture-Agriculture the future" Craiova 2009
8. Aurica Breica Borozan, Florina Radu, **Marioara Nicoleta Filimon**, Gh. Ștefanic, Rodica Torok-Oance - The Effect Of Certain Phyto Pharmaceutical Substances On The Potential Indicator Of Vitale Activity (Piva%) From Soil Under Natural Conditions, Cel de-al 52-lea simpozion național cu participare internațională "Agricultură durabilă - strategii de dezvoltare"
9. Aurica Breica Borozan, **Marioara Nicoleta Filimon**, Florina Radu, Rodica Oance-Torok, V. Gherman - Biodegradation Capacity Of The Cellulose Substrate, From A Solid Stapp Environment, After Treating The Soil With Sulfonilurea Substances, Cel de-al 52-lea simpozion național cu participare internațională "Agricultură durabilă - strategii de dezvoltare"
10. **Marioara Nicoleta Filimon**, Aurica Borozan, Adrian Sinitean, Rodica Torok-Oance, V. Gherman - Enzymological Studies On River Timis With A Role In Evaluating Pollution, Cel de-al 52-lea simpozion național cu participare internațională "Agricultură durabilă - strategii de dezvoltare"

11. **Marioara Nicoleta Filimon**, Aurica Borozan, Adrian Sinitean, Rodica Torok-Oance, V. Gherman, Smaranda Laura Gotia - Pollution Degree In The Thermocentral Area Turceni Based On Microorganisms Activities, Cel de-al 52-lea simpozion național cu participare internațională" Agricultură durabilă - strategii de dezvoltare"
12. **Filimon Nicoleta Marioara**, Gotia Smaranda Rodica, Gotia Smaranda Laura, Torok-Oance Rodica. Hypertension related risk factors. The 23<sup>rd</sup> National Conference of the Romanian Society of Physiological Sciences with international participation "Experimental and clinical physiology in modern medicine context". May 28-30 2009, Craiova, Program p. 11. Physiology supplement, 2009, Abstract volume p.20. ISSN 1223 -2076.
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15. Roxana Popescu, Doina Verdes, Ioana Muntean, Smaranda Rodica Gotia, **Nicoleta Filimon** - Alcoholic hepatitis histological and immunohistochemical study, Cea de a XXVII-a Sesiune Anuala a SRBC, Bistrita 2009,
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18. Gotia Smaranda Rodica, Gotia Smaranda Laura, **Filimon Nicoleta**, Murariu M. Impact of environmental factors on menstrual cycle and fertility. The 24<sup>th</sup> National Conference of the Romanian Society of Physiological Sciences "Priority, Directions in Experimental and Clinical Physiology", June 2-5, 2010, Oradea, Baile Felix, Romania, Abstract volume, Physiology supplement, 2010, 14, p. 9, ISSN 1223-2076.
19. Gotia Smaranda Laura, Gotia Smaranda Rodica, **Filimon Nicoleta**, Gurban C. Maximal effort of short duration and acute phase proteins. The 24<sup>th</sup> National Conference of the Romanian Society of Physiological Sciences "Priority, Directions in Experimental and Clinical Physiology", June 2-5, 2010, Oradea, Baile Felix, Romania, Abstract volume, Physiology supplement, 2010, 104, p.43-44, ISSN 1223-2076.
20. **Marioara Nicoleta Filimon**, Roxana Popescu, Smaranda Laura Gotia, Smaranda Rodica Gotia, Aurica Breica Borozan. Studies on hepatitis B virus in blood donors. Cea de a XXVIII-a Sesiune Anuala a SRBC. Constanta 9-12 iunie 2010, <http://www.snbc.ro/conferinte-srbc/sesiunea-2010>
21. Roxana Popescu, Doina Verdeș, Ioana Muntean, Alina Belengeanu, **Nicoleta Filimon**, Laura Gotia, Studiul componentelor fibrilare matriciale în hepatitele cronice alcoolice. Cea de a XXVIII-a Sesiune Anuala a SRBC. Constanta 9-12 iunie 2010, <http://www.snbc.ro/conferinte-srbc/sesiunea-2010>
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23. Roxana Popescu, Marioara Cornianu, **Nicoleta Filimon**, Daliborca Cristina Vlad, Victor Dumitrascu, Doina Verdes, Expression of apoptotic BCL-2 oncoprotein in chronic liver disease, Al X-lea Congres National de Morfologie Microscopica cu participare internationala, 24-26 mai 2012, Timisoara, Romania
24. Roxana Popescu, Doina Verdes, Daliborca Cristina Vlad, Victor Dumitrascu, Adinela Cimporescu, Eugenia Dumitrescu, **Nicoleta Filimon**, Al 19-lea Congres National de Medicina de laborator, Al 6-lea Simpozion de Imunopatologie, Al 2-lea Simpozion de monitorizare a Tratamentului si Toxicologie Clinica, 31 octombrie – 2 noiembrie 2012, Bucuresti, Romania
25. **Marioara Nicoleta Filimon**, Adriana Isvoran, Diana Vladoiu, Vasile Ostafe, Dehydrogenase and urease activities in soil influenced by difenoconazole, Ecology and Protection of Ecosystems the 10<sup>th</sup> edition, 7-9 november, 2013, Bacau, Romania
26. Marioara Nicoleta Filimon, Roxana Popescu, Doina Verdes, Daliborca Vlad, Sorin Octavian Voia, Adriana Isvoran, The influence of fungicide on fungus communities from soil, 7th National Congress

with International Participation and 33rd Annual Scientific Session Of The Romanian Society For Cell Biology, 11-14 June 2015, Baia Mare, Romania. (Poster presentation)

### **ALTE ACTIVITĂȚI ȘI SPECIALIZĂRI:**

- 9 lucrări metodico-științifice coordonate pentru obținerea gradului didactic I în învățământ finalizate între anii 2012-2020,
  - 97 lucrări de licență coordonate, susținute între anii 2006-2020,
  - 37 disertații coordonate, susținute între anii 2010- 2020,
  - 57 lucrări prezentate la Conferințe Internaționale,
  - 25 lucrări prezentate la Conferințe Naționale cu participare internațională sau regionale,
  - membră în comitetul editorial al revistei *Annals of West University, ser. Biology*,
  - membru în Consiliul departamentului Biologie-Chimie, 2012-2020,
  - membru în Consiliul Facultății de Chimie, Biologie, Geografie, 2012-2020,
  - membru în Comisia de Evaluare și Asigurare a Calității din Facultatea de Chimie, Biologie și Geografie, 2009-2010,
  - membru în Comisia de Echivalare a actelor de studii (2016-2020),
  - membru în Comisia de Etică a Facultății CBG (2016-2020),
  - membru în comisia de elaborare orar (2005-2012),
  - membru în comisia de înscriere (2005-2014, 2016-2018, 2020),
  - membru în comisia de elaborare regulamente (2009-2012, 2016-2020),
  - secretar al comisiilor de licență în cadrul Departamentului de Biologie (2007-2011),
  - președinte și membru al comisiilor de licență în cadrul Departamentului de Biologie-Chimie (2011-2020),
  - președinte în 13 comisii pentru acordarea gradului didactic I,
  - membru al Comisiilor de examen pentru acordarea gradului didactic II 2012,
  - mențiune la International Scientific Symposium Bioengineering of Animal Resources, Banat University of Agricultural Science and Veterinary Medicine Timisoara, 24-25 May, Timișoara Romania
  - curs postuniversitar "Culturi celulare aplicații în practica medicală", Universitatea de Medicină și Farmacie Victor Babes Timișoara, Ordinul Biochimicilor, Biologilor și Chimicilor în sistemul sanitar din Romania, 2011,
  - participare Workshop - ECOLOGICAL KNOWLEDGE RULES - Establishing priorities for the measures to rehabilitate Heavily Modified Water Bodies, through cost-efficiency analysis, in order to reach the environmental objectives required by the EU Water Framework Directive 2000/60/EC, Timisoara Banat Water Directorate, National Administration Apele Române, Romanian Ministry of Environment & Water Management.
- ### **APARTENENȚA LA SOCIETĂȚI ȘI ORGANIZAȚII PROFESIONALE**
- Asociația de Cercetare Multidisciplinară din zona de Vest a României,
  - Romanian Society of Cell Biology (affiliated to Extracorporeal Life Support Organisation and International Federation of Cell Biology),
  - Association of Multidisciplinary Researchers from Western part of Romania,
  - Physiology Society,
  - European Biotechnology Thematic Network Association.

Timișoara  
21.07.2020

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