

PROF. DR. CARMEN POSTOLACHE

Lista publicațiilor

A. Cărți, monografii, cursuri, capitole în volume colective

1. Vădineanu, A., **Postolache, I.C.**, Diaconu, I.V., 1998, *Targets Concerning Socio-economic Restructuring Emerged from the Material Accounting Analysis on the national scale (Romania)*, In Hens, L., Borden, J.R., Suzuki, S., Caravello, G. (Eds.), "Research in Human Ecology: An Interdisciplinary Overview", VUB Press, Brussels, ISBN 90-5487-198-9, p. 289-314.
2. **Carmen Postolache**, Angheluță Vădineanu, 1999, "Evaluarea fluxurilor de materiale în componentele sistemelor socio-economice". În: *Dezvoltarea Durabilă, vol.2: Mecanisme și Instrumente pentru dezvoltarea durabilă*, Ed. Universității din București, ISBN 973-575-408-8, p. 252-279.
3. **Carmen Postolache**, Cristian Postolache, 2000, *Introducere în ecotoxicologie*, Ed Ars Docendi, ISBN 973-8118-30-1, 240p.
4. **Carmen Postolache**, 2004, Managementul integrat al bazinelor hidrografice - Bazinul Neajlovului". În: *Managementul Dezvoltării - o abordare ecosistemică*, ISBN 973-558-070-5, p. 313-337.
5. **C. Postolache**, 2006, *The chemistry of the Danube Delta*, In Claudiu Tudorancea and M.M. Tudorancea (Eds.), "Danube Delta, Genesis and Biodiversity", Backhuys Publisher BV, ISBN 90-5782-165-6, 440p.
6. **C. Postolache**, 2011, Metode și tehnici de măsurare a parametrilor fizico-chimici ai apei, solului și sedimentelor, In "Identificarea și caracterizarea sistemelor ecologice", coordonator Risnoveanu G., pag. 199-272, editura Ars Docendi, Universitatea din București.
7. **C. Postolache**, 2011, Metode și tehnici de estimare a schimburilor fizico-chimice dintre rezervoare, In "Identificarea și caracterizarea sistemelor ecologice", coordonator Risnoveanu G., pag. 273-288, editura Ars Docendi, Universitatea din București.
8. Hamchevici C., Dumitrache F., Sena F., Umlauf G, **Postolache C.**, Udrea I., 2015, Chapter 17: General Physico-Chemical Parameters and Nutrients, in *Joint Danube Survey 3. A comprehensive Analysis of Danube Water Quality*, Editors Liška I., Wagner F., Sengl M., Deutsch K. and Slobodník J., pag. 189-198, Ed. ICPDR – International Commission for the Protection of the Danube River, ICPDR, ISBN 978-3-200-03795-3.
9. **Carmen Postolache**, 2016, *Principalele clase de substanțe chimice periculoase*, In Fundamente legislative și științifice pentru evaluarea substanțelor chimice-ghid, Eds. Risnoveanu G., Brunborg G., pp. 413-434, ISBN 978-606-28-0450-3.
10. **Carmen Postolache**, 2016, *Procesele de bioconcentrare, bioacumulare și bioamplificare a substanțelor toxice de către biocenoză*, In Fundamente legislative și științifice pentru evaluarea substanțelor chimice-ghid, Eds. Risnoveanu G., Brunborg G., pp. 435-458, ISBN 978-606-28-0450-3.
11. **Carmen Postolache**, Carmen Mincea, 2016, *Teste ecotoxiceologice pentru evaluarea riscului substanțelor chimice asupra mediului*, In Fundamente legislative și științifice pentru evaluarea substanțelor chimice-ghid, Eds. Risnoveanu G., Brunborg G., pp. 459-

B. ISI Publications

1. Tripşa, M., Sahini, V. Em., **Nae Carmen** and Vasilescu, V., 1986, "Structure/Nerve Membrane Effect Relationships of Some Local Anaesthetics", *Gen. Physiol. Biophys.*, 5, 371-376
2. **Postolache Carmen** and Oncescu Tatiana, 1989, "Kinetics of Hemoglobin and Casein Hydrolysis Catalysed by Alcalase", *Revue Roumaine de Chimie*, 34, 2, 581-584
3. Sahini, V. Em. and **Postolache Carmen**, 1994, "Kinetic Aspects of Glucose γ -Irradiated Enzymatic Oxidation", *Revue Roumaine de Chimie*, 39(10), 1117-1122.
4. Jamil A., Lajtha K., Radan S., Ruzsa G., Cristofor S., **Postolache Carmen**, 1999, "Mussells as bioindicators of trace metal pollution in the Danube Delta of Romania", *Hydrobiologia* 392: 143 -158.
5. **Carmen Postolache**, Cristian Postolache, Diana Dinu, Anca Dinischiotu, Victor Emanuel Sahini, 2002, "Post-irradiation repairing processes of glucose-6-phosphate dehydrogenase and catalase from *Hansenula Polymorpha* yeast", *Revue Roumaine de Chimie*, 47:1, 27.
6. S. Sabater, A. Butturini, J - C. Clement, T. Burt, D. Dowrick, M. Hefting, V. Maitre, G. Pinay, **C. Postolache**, M. Rzepecki and F. Sabater, 2003, Nitrogen Removal by Riparian Buffers along a European Climatic Gradient: Patterns and Factors of Variation, *Ecosystems* 6: 20-30.
7. Gabriela Ioniță, **Carmen Postolache**, Cristina Tilimpea, Diana Dinu and V. Em. Sahini, 2003, "Planar Chromatographic and Electrophoretic Study of Thermally Induced Conformational Modifications of Protein Structure", *Journal of Planar Chromatography*, 16: 308-310.
8. Sergiu Cristofor, Angheluta Vadineanu, Anca Sarbu, **Carmen Postolache**, Roxana Dobre and Mihai Adamescu, 2003, Long-term changes of submerged macrophytes in the Lower Danube Wetland System, *Hydrobiologia* 506-509: 625-634.
9. Rîșnoveanu, G., **Postolache, C.**, Vădineanu, A., 2004, "Ecological significance of nitrogen cycling by tubificid communities in shallow eutrophic lakes of the Danube Delta", *Hydrobiologia*, 524: 193-202.
10. Christian Schilling, Horst Behrendt, Alfred Paul Blaschke, Serban Danielescu, Galina Dimova, Uta Heinecke, Adam Kovacs, Christoph Lampert, **Carmen Postolache**, Heide Schreiber, Peter Strauss and Matthias Zessner, 2005, "Lessons learned from investigations on case study level for modelling of nutrient emissions in the Danube Basin", *Wat.Sci.Tech* 51(11): 183-191.
11. Matthias Zessner, **Carmen Postolache**, Adrienne Clement, Adam Kovacs and Peter Strauss, 2005, "Considerations on the influence of extreme events on the phosphorus transport from river catchments to the Sea", *Wat.Sci.Tech* 51(11): 193-204.
12. **Postolache, C.**, Rîșnoveanu, G., Vădineanu, A., 2006, " Nitrogen and phosphorous excretion rates by tubificids from the Prahova river (Romania)", *Hydrobiologia* 553 (1): 121-127.
13. Camarero, L., Rogora, M., Mosello, R., Anderson, N.J., Barbieri, A., Botev, I., Kernan, M., Kopáček, J., Korhola, A., Lotter, A.F., Muri, G., **Postolache, C.**, Stuchlík, E., Thies, H., Wright, R.F., 2009, Regionalisation of chemical variability in European mountain lakes, *Freshwater Biology*, Volume 54, Issue 12, December 2009, 2452-2469.
14. **Postolache, C.**, Deaconu, L-F., Botez, F., 2011, Spatial and temporal dynamics of nutrient fluxes in aquatic ecosystems of the Dambovnic catchment, *Revista de Chimie*, vol. 62, nr. 12, 1219-1224.

15. Florina Botez, **Carmen Postolache**, 2013, Nitrogen deposition impact on terrestrial ecosystems, *Romanian Biotechnological Letters*, Vol. 18, no.6, pag. 8723-8742.
16. Floarea Damian, Gheorghe Damian, Radu Lăcătușu, **Carmen Postolache**, Gheorghe Iepure, Marian Jelea & Daniel Năsui, 2013, The heavy metals immobilization in polluted soils from Romania by the natural zeolites use, *Carpathian Journal of Earth and Environmental Sciences*, Vol. 8, No. 4, p. 231 – 250.
17. **Carmen Postolache**, Florina Botez, 2014, Factors Controlling Key Nitrogen Fluxes In Grassland Ecosystems: Case Studies – Southern Romania, *Environmental Engineering and Management Journal*, Vol. 13, No.9, p. 2201-2210.
18. O. Tricolici, C. Bumbac, V. Patroescu, **C. Postolache**, 2014, “Diary wastewater treatment using activated sludge-microalgae system at different light intensities”, *Water Science and Technology*, Volum 69, Nr. 8, pg. 1598-1605
19. Tricolici Olga, Bumbac Costel, **Postolache Carmen**, 2014, “Microalgae-bacteria system for biological wastewater treatment”, *Journal of environmental Protection and Ecology*, Vol. 15(1), 268-276
20. Tiron O., Bumbac C., Patroescu I.V., Badescu V.R., **Postolache C.**, 2015, Granular activated algae for wastewater treatment, *Water Science and Technology*, Volum 71, Nr. 6, pg. 832-839.
21. **C. Postolache**, D. Stamen-Niculcea, 2016, Material Flow Analysis Method Applied to Waste Resulted from Railway Infrastructure, *Journal of Environmental Protection and Ecology* 17, No 3, 1021–1028 (2016).
22. Emilia Ionela Cojoc, **Carmen Postolache**, Bogdan Olariu & Carl Beierkuhnlein, 2016, Effects of anthropogenic fragmentation on primary productivity and soil carbon storage in temperate mountain grasslands, *Environ Monit Assess*, 188:1-10 DOI 0.1007/s10661-016-5667-7
23. A. Csolti, F. Botez, **C. Postolache**, 2017, Ecological study on nitrogen biogeochemical cycle after conversion from grassland to cropland in Southeastern Europe (Romania), *Environmental Engineering & Management Journal (EEMJ)*, Volume 16, Issue 4, pp 837-845
24. Dick Jan *, Orenstein Daniel E., Holzer Jennifer M., Wohner Christoph, Achard Anne-Laure, Andrews Christopher, Avriel-Avni Noa, Beja Pedro, Blond Nadège, Cabello Javier, Chen Chiling, Díaz-Delgado Ricardo, Giannakis Georgios V., Gingrich Simone, Izakovicova Zita, Krauze Kinga, Lamouroux Nicolas, Leca Stefan, Melecis Viesturs, Miklós Kertész, Mimikou Maria, Niedrist Georg, Piscart Christophe, **Postolache Carmen**, Psomas Alexander, Santos-Reis Margarida, Tappeiner Ulrike, Vanderbilt Kristin, Van Ryckegem Gunther, 2018, What is socio-ecological research delivering? A literature survey across 25 international LTSER platforms, *Science of the Total Environment* 622–623 (2018) 1225–1240.
25. Avram S, Udrea AM, Negrea A, Ciopec M, Duteanu N, **Postolache C**, Duda-Seiman C, Duda-Seiman D, Shaposhnikov S, 2019, Prevention of Deficit in Neuropsychiatric Disorders through Monitoring of Arsenic and Its Derivatives as Well as Through Bioinformatics and Cheminformatics, *Int J Mol Sci*. 2019 Apr 12;20(8). pii: E1804. doi: 10.3390/ijms20081804.
26. Emilia Ionela Cojoc, **Carmen Postolache**, Andreas Schweiger, Carl Beierkuhnlein, 2020, Scale-dependent effects of forest edges on mountain grassland biogeochemistry, *Environmental Engineering and Management Journal (EEMJ)*, In press

C. Publicații indexate în alte baze de date internaționale

1. S. Cristofor, D. Cogălniceanu, **Carmen Postolache**, 1994, "Dinamica carbonului dizolvat funcție de clorofila "a" în lacurile din RBDD în intervalul 1986-1993", *Analele Științifice ale Institutului Delta Dunării*, vol. III, 329-334.
2. Postolache C., Ponta C., **Postolache Carmen**, Mihalcea I., Georgescu Iulia, 1997, "Labeling of polyacrylic acid hydrogels with tritium for biodegradability study", *Roum. Biotechnol. Lett.*, 4 (2), 321.
3. D. Cogălniceanu, **Carmen Postolache**, A. Vădineanu, 1997, "Dinamica compoziției chimice la amfibienii din Lunca Inundabilă a Dunării", *Analele Științifice ale Institutului Delta Dunării*, vol. VI/1, 265-270.
4. V. Iordache, N. Mihăilescu, S. Cristofor, **Carmen Postolache**, A. Vădineanu, 1997, "Distribuția metalelor grele în ecosistemele acvatice din Delta Dunării", *Analele Științifice ale Institutului Delta Dunării*, vol. VI/2, 521-534.
5. V. Iordache, N. Mihăilescu, S. Cristofor, **C. Postolache**, 1998, "Heavy metals distribution in the ecosystems of Danube floodplain", *Analele Științifice ale Institutului Delta Dunării*, vol. VII, 356-364.
6. M. Adamescu, **Carmen Postolache**, C. Cazacu, S. Cristofor, V. Iordache, F. Bodescu, A. Vădineanu, 1998, "Parametrii de control ai biomasei fitoplanctonice în lacuri din lunca Dunării", *Analele Științifice ale Institutului de Cercetare-Dezvoltare Delta Dunării*, vol. VII, 226-233.
7. Galina Nafoarniță, **Carmen Postolache**, A. Vădineanu, 2000, "The role of benthic bivalve mollusc populations in the nitrogen and phosphorous cycles", *Revue Roumaine de Biologie*, 44:1, 77-83.
8. Cristofor, S., Geta Risnoveanu, **C Postolache**, C. Cazacu, M. Adamescu, N. Geamana, T. Palarie, S. Datcu, E. Preda, 2006, "Role of species/populations in sustaining the flow of resources and services in ecosystems – results after the first year of project implementation", *SCIENTIFIC SESSION "MENER 2006"*, CD/articol 626.
9. Viera Straskrabova, D. Cogălniceanu, J. Nedoma, L. Parpala, **C. Postolache**, C. Tudorancea, A. Vădineanu, C-M. Valcu, V. Zinevici, 2006, "Bacteria and pelagic food webs in pristine alpine lakes (Retezat Mountains, Romania)", *Transylv. Rev. Syst. Ecol. Res.* 3, 1-9, ISSN 1841-7051.
10. Maria Nijnik, Albert Nijnik, Lars Lundin, Tomasz Staszewski and **Carmen Postolache**, 2010, "A study of stakeholders' perspectives on multi-functional forests in Europe", *Forests, Trees and Livelihoods*, Vol. 19, pp. 341–358.
11. **Carmen Postolache**, Carmen Hamchevici, 2018, Comparison between long-term monitoring data and «snap-shot» data from investigative monitoring of Joint Danube Surveys – Case study for nutrient forms along the Romanian stretch of the Danube River, *Danube News*, No. 38 – Volume 20, 2-5, ISSN 2070-1292.

D. Lucrări publicate în volume ale întâlnirilor internaționale

1. **C. Postolache**, V. Iordache, A. Vădineanu, G. Ignat, S. Cristofor, A. Neagoe, F. Bodescu, 1997, "Effects of hydrological conditions on the dynamics of nutrients in the Lower Danube Floodplain", *Limnologische Berichte (Donau, 1997)*, WIEN, 15 – 19, ISBN 3-9500723-0-6.
2. V. Iordache., **C. Postolache**, A. Vădineanu, S. Cristofor, G. Ignat, M. Onete, 1997, "Effects of hydrological conditions on denitrification in the lower Danube floodplain",

Limnologische Berichte (Donau, 1997), WIEN, 404 – 408, ISBN 3-9500723-0-6.

3. S. Cristofor, A. Sârbu, A. Vădineanu, G. Ignat, V. Iordache, **C. Postolache**, C. Dinu, C. Ciubuc, 1997, "Effects of hydrological regimes on riparian vegetation in the Lower Danube floodplain", *Limnologische Berichte (Donau, 1997)*, WIEN, 233 – 237, ISBN 3-9500723-0-6.
4. A. Vădineanu, S. Cristofor, G. Ignat, V. Iordache, A. Sârbu, C. Ciubuc, G. Romanca, I. Teodorescu, **C. Postolache**, C. M. Adamescu, C. Florescu, 1997, "Functional assessment of the Wetlands Ecosystems in the Lower Danube Floodplain", *Limnologische Berichte (Donau, 1997)*, WIEN, 463-467, ISBN 3-9500723-0-6.
5. C. I. Postolache, M. Ion, I. Mihalcea, **Carmen Postolache**, 1997, "Modeling of Radiolitical Processes in Polymers", *Proceedings supplement of Balkan Physics Letters*, vol. 5, 1960-1964.
6. Cristofor, S., Sârbu, Anca, Vădineanu A., **Postolache Carmen**, Ignat, G., Iordache, V., & Ciubuc C., 1998, "Riparian plant contribution to floodplain functions in the Lower Danube River System", In: *Proceedings of the 10th Macrophyte Group Meeting IAD/SIL, Danube Delta*, 50-60.
7. Cristofor, S., Vădineanu, A., Sârbu, C., **Postolache Carmen**, Ignat, G., & Ciubuc, C., 1998, "Aquatic macrophyte contribution to the floodplain functions in the Lower Danube River System". In: T. Ferreira & M. Wade (Eds.), *Proceeding of the 10th EWRS Symposium on Aquatic Weeds, 1998, Lisbon*, 175-178.
8. Sârbu, A., Vădineanu, A., Cristofor, S., Ciubuc, C., **Postolache, C.**, Ignat, G., 1998, "Vegetation dynamics in riparian ecotones of the lower Danube floodplain and Catchment", In Farina, A., Kennedy, G., Bossu, V. (Eds.), *Proceedings of the VIIth INTECOL Congress, Florence, Italy*, p. 371-375.
9. V. Iordache, **C. Postolache**, N. Mihăilescu, A. Neagoe, G. Ignat, S. Cristofor, A. Vădineanu, 1998, "Distribution patterns of metals in sediments of Lower Danube System", *Proceedings of the 3rd International Symposium on Metal Elements in Environment, Medicine and Biology*, 48-56.
10. Vădineanu, A., Cristofor, S., **Postolache Carmen**, Barbu, I, Pauca-Comănescu Mihaela, 2000, "The Long-Term Ecological Research network in Romania". In: Kate Lajtha and Kristin Vanderbilt (Eds.), *Proceeding of the ILTER Regional Workshop, 22-25 June, 1999, Budapest, Hungary*, 47-59.
11. **Carmen Postolache**, 2000, Nutrient Management in the Danube River Basin, *Proceedings of the 3rd International Workshop on Environmental Systems Analysis and Management Vienna, September 2000*, 47 - 50.
12. Vădineanu, A., Iordache, V., Neagoe, A., Cristofor, S., Cociug, C., **Postolache, C.**, 2000, "Research direction in landscape ecotoxicology", *Mengen und Spurenelemente 20, Arbeitstagung 2000*, 220 - 228, Friedrich-Schiller-Universitat Jena, Ed. Verlag Harald Schubert, Leipzig, ISBN 3-929526-61-1.
13. Vădineanu, A., Constantinescu, M., Cristofor, S., Varduca, A., David, C., Piescu, V., Pecheanu, I., Iordache, V., **Postolache, C.**, Neagoe, A., 2000, "Results of the monitoring program in the Lower Danube River System related with yugoslavian conflict", in, *Proceedings of the 5th Symposium in Environmental Contamination, Prague*, 10 pgs.
14. Rîsnoveanu, G., **C. Postolache**, 2001. *Nitrogen and phosphorous excretion rates by Tubificids from the Danube River*. In Biogeochemical Processes and Cycling of Elements in the environment, EDS J. Weber et al., Wroclaw, Poland: 205–206, ISBN 83-906503-5-

x.

15. Strauss, P., Zessner, M., Schilling, Ch., Heinecke, U., **Postolache, C.**, Sisak, I., Kosturkov, J. and Kovacs, A., 2002, "Nutrient Management in the Danube Basin at the Example of Selected Case Study Watersheds – Processes and Problems", *Proceedings of the 6th International Conference on Diffuse Pollution, Amsterdam, 2002*, 201-208.
16. Rîsnoveanu, G., **C. Postolache** and A. Vădineanu, 2002, "The role of tubificid communities in phosphorous budget in shallow eutrophic lakes of the Danube Delta", *Internat. Assoc. Danube Res.*, 34: 689-696, ISBN 97327-0915-4.
17. Christian Schilling, Horst Behrendt, Alfred Paul Blaschke, Serban Danielescou, Galina Dimova, Uta Heinecke, Adam Kovacs, Christoph Lampert, **Carmen Postolache**, Heide Schreiber, Peter Strauss and Matthias Zessner, 2003, "Lessons learned from investigations on case study level for modelling of nutrient emissions in the Danube Basin", *Book of Proceedings "Environmental Protection Technologies for Coastal Areas"*, 4th International Black Sea Conference, 9-11 June 2004, Bulgaria, 423-433.
18. Matthias Zessner, **Carmen Postolache**, Adrienne Clement, Adam Kovacs and Peter Strauss, 2003, "Considerations on the influence of extreme events on the phosphorus transport from river catchments to the Sea", *Book of Proceedings "Environmental Protection Technologies for Coastal Areas"*, 4th International Black Sea Conference, 9-11 June 2004, Bulgaria, 434-445.
19. Andreea-Cristina Staicu, **Carmen Postolache**, Maria-Cristina Munteanu, Marieta Costache, Anca Dinischiotu, "Intestine and liver Histopathological Changes Induced in Fed and Starved Goldfish (*Carassius auratus*, Cyprinidae, Pisces) During Chronic Exposure to Manganese", in *Proceedings of the 8th International Symposium on Metal Elements in Environment, Medicine and Biology, Timisoara, December 5-6, 2008*, ISBN 978-973-620-437-1, 231-237.
20. O. Tiron, C. Bumbac, V.R.Badescu, **C. Postolache**, "Granular activated algae for wastewater treatment", *Proceedings of the IWA 6th Eastern European Young Water Professionals Conference <EAST Meets WEST>*, Istanbul, 28-30 May, 2014, pg. 1043-1053.
21. Tricolici O., Bumbac C., Bădescu V. R., **Postolache C.** (2013) Evaluation of combined activated sludge – microalgae system for wastewater treatment. Volumul de Lucrări al celui de-al 17-lea Simpozion Internațional "Mediul și Industria" - SIMI 2013, pag. 53-61, 29-30 octombrie, 2013, București.

E. Lucrări publicate în volume ale întâlnirilor naționale

1. Postolache C., **Postolache Carmen**, 1996, "Hidrogenarea catalitică a 1,4 difenilbutadiinei", *Proceeding la a XXII-a Sesiune de Comunicări Științifice*, Olănești-Vâlcea, vol.I, 128-132.
2. Postolache C., **Postolache Carmen**, 1996, "Efecte izotopice spectrale în compuşii marcați cu deuteriu", *Proceeding la a XXII-a Sesiune de Comunicări Științifice*, Olănești-Vâlcea, vol.I, 116-121.
3. Postolache C., Ponta C. C., Dragomir A., Mihalcea I., **Postolache Carmen**, 1998, "Storage of tritiated water in polyacrylic acid networks", *Proceedings of the National*

- seminar on public information on peaceful uses of nuclear energy-NUCINFO'98; Vol 2.
4. Postolache C., Dragomir A., Ponta C. C., **Postolache Carmen**, 1998, "Evaluation of surface contamination using polystyrene smears grafted with acrylic acid", Proceedings of the National seminar on public information on peaceful uses of nuclear energy-NUCINFO'98, Vol 2.
 5. Postolache C., Dragomir A., Fugaru V., **Postolache Carmen**, 1998, "Studiul radiolizei polimerilor prin metode computaționale", Proceeding la a XXIV Sesiuni Naționale de Comunicări Științifice, Căciulata-Vâlcea, pag 30
 6. Postolache C., Simion Corina, Dragomir A., Ponta C., **Postolache Carmen**, 1998, "Grefarea radioindusă a acidului acrilic pe matrici din polistiren expandat", Proceeding la a XXIV Sesiuni Naționale de Comunicări Științifice, Căciulata-Vâlcea, pag 114.
 7. C. Postolache, A. Dragomir, C. Ponta, G. Chirvășoiu, **Carmen Postolache**, 1998, "Obținerea acidului poliacrilic marcat cu tritium și deuteriu", Proceeding la a XXIV Sesiuni Naționale de Comunicări Științifice, Căciulata-Vâlcea, pag 113.
 8. C. Postolache, **Carmen Postolache**, Lidia Matei, 2002, "Evaluarea energiilor de legătură utilizând metode de mecanică cuantică", The 8-th ICSI Conference PROGRESS IN CRYOGENICS AND ISOTOPES SEPARATION PROCEEDINGS, pag. 89-90.
 9. C. Postolache, Lidia Matei, **Carmen Postolache**, 2002, "Evaluarea energiilor de legătură în compușii organici prin simularea proceselor de fragmentare homolitică", Lucrarile Work Shop-ului "Sinteza hormonilor androgeni marcați cu izotopi ai hidrogenului și aplicațiile acestora în domeniul științelor vieții", Sinaia 15-17 noiembrie 2002.
 10. Cristina Popescu, Geta Rîșnoveanu, Constantin Ciubuc, Irina Teodorescu, **Carmen Postolache**, Elena Preda, Marius Nistorescu, Ana Magherușan, Angheluță Vădineanu, 2007, Descompunerea literei în sistemele lotice: influența macronevertebratelor, in: „Lucrarile Conferinței Naționale de Ecologie”, 11-14 Octombrie, Mamaia, pg. 131-133, ISBN 978-973-558-315-6

F. Lucrări publicate în rezumat în volume ale întâlnirilor naționale și internaționale

1. Dinischiotu, A., Dumitru, I.F., **Postolache, C.**, 1993, "The kinetics of the p-nitrophenyl phosphate hydrolyse by the cock seminal plasma acid phosphatase", *Abstracts of the 2nd meeting of the Federation of European Biochemical Societies, Stockholm, 4-9 July, 1993.*
2. **Postolache C.**, Fugaru V., Ion M., Postolache Carmen, 1996, "Modelling of Radiolytical Processes in Tritium Labelled Polymers", *Rezumatele celei de a 8-a Conferințe de chimie fizică, București, 1996.*
3. Postolache C., **Postolache Carmen**, Mihalcea I., 1996, "Labelled Polymers, Synthesis and Selfradiolytic Effects", *Rezumatele celei de a 8-a Conferințe de chimie fizică, București, 1996.*
4. **Postolache Carmen**, Postolache C., Sahini V. Em., 1996, "A Comparative Kinetic Study for the Hydrolysis of Two Aryl Phosphate Monoesters by Acid Phosphatase", *Rezumatele celei de a 8-a Conferințe de chimie fizică, București, 1996.*
5. S. Cristofor, A., Vădineanu, G., Ignat, **C., Postolache, C.**, Florescu, 1996, "Role of floodplain for nutrient dynamics in the Danube River and Delta", in: *Wetlands for Future -*

- Abstracts, INTECOL V International Wetlands Conference, Australia, Perth - 1996, 61.*
6. V. Iordache, **Carmen Postolache**, A., Vădineanu, 1997, "Metals in Danube Floodplain", in: *Books of Abstracts of Symposium on Wetlands Biogeochemistry, London 1997*, 87.
 7. Postolache C., Dragomir A., **Postolache Carmen**, 1998, "Behaviour of polymers at radiolysis evaluated by computation methods". In: Abstract of Turkish Physical Society-17-th Physics Conference, TFD-17, Alanya, pag. 326.
 8. Postolache C., Simion Corina, Ponta C. C., Mihalcea I., **Postolache Carmen**, 1998, "Polyacrylic acid hydrogels, matrices for tritiated water storage". In: *Abstract of Turkish Physical Society-17-th Physics Conference, TFD-17, Alanya*, pag. 327.
 9. Dinischiotu Anca, **Postolache Carmen**, Postolache C., 1998, "Comparative studies concerning the kinetic and thermodynamic parameters of the reactions catalysed by cock semen phosphatyrasyne protein phosphatase depending on substrate structure", *Revue Roumaine de Biochimie*, 35: 1-2, 78.
 10. Cristofor S., Vădineanu A., Sârbu A., **Postolache C**, Ignat G., Ciubuc C., 1998, "The role of riparian vegetation in eutrophication control of the Lower Danube River". In: A. Farina, G. Kennedy & V. Bossu (Eds.), *Proceedings of the VII International Congress of Ecology INTECOL, Florence 19-25 July 1998 Italy*, 97-98.
 11. Sârbu, A., Vădineanu A., Cristofor S., Ciubuc, C., **Postolache C** & Ignat, G., 1998, Vegetation dynamics in riparian ecotones of the Lower Danube Floodplain and Catchment. In: A. Farina, J. Kennedy & V. Bossu (Eds.), *Proceedings of the VII International Congress of Ecology INTECOL, 1998 Florence*, 371.
 12. Postolache C., **Postolache Carmen**, Ion M., 1999, "Determinarea prin metode de mecanică cuantică a energiilor de legătură în compușii organici", *Rezumatele celei de a XXV-a Sesiuni Naționale de Comunicări Științifice, Căciulata*.
 13. S. Cristofor, A., Vădineanu, C., **Postolache**, A. Sârbu, G., Ignat, C., Ciubuc, V., Iordache, 2000, "Eutrophication control by floodplain structures in the Lower Danube River, in: E. Mackay (eds), *Abstract Book of Quebec 2000 - Millenium Wetland Event, August 2000*, 177.
 14. Rîșnoveanu, G., **Postolache, C.**, Vădineanu, A., "Role of oligochaeta communities in nitrogen cycling in some representative lakes from the Danube Delta", *Book of Abstracts of VIII International Symposium on Aquatic Oligocharta, Bilbao 18-22 July 2000*, 79.
 15. **Carmen Postolache**, Carmen Cîmpian, Aurora Neagoe, Sergiu Cristofor, Angheluță Vădineanu, 2002, "Factors controlling denitrification in riparian soils adjacent to agricultural landscapes", *Book of abstract of The Second International Conference on Ecological Chemistry, October 2002*, 178-179.
 16. **Carmen Postolache**, Sergiu Cristofor, Angheluță Vădineanu, 2002, "Efficiency of different riparian structures in nitrogen and phosphorous retention", *Book of abstract of 3rd International Conference of the Chemical Societies of the South-Eastern European Countries on Chemistry in the New Millenium-an Endless Frontier, September 2002*, 2: 282.
 17. Cristofor, S., Vădineanu, A., Sarbu, A., **Postolache, C.**, 2002, *Long term changes in submerged macrophytes dynamics in the Lower Danube Wetland System*, International Conference on Limnology of Shallow Lakes, Balatonfured, 25-31 May, Hungary, pgs. 34
 18. **Postolache, C.**, Cristofor, S., Adamescu, M., Cazacu, C., Iordache, V., Vădineanu, A., 2002, *Catchment impacts and external load in Lower Danube River System* (Abstract). Proc. Internat. Conference on Limnology of Shallow Lakes, Balatonfured, 25-31 May,

Hungary, pgs. 194.

19. Victor Sahini, Gabriela Ioniță, **Carmen Postolache**, Cristina Dilimpea, Diana Dinu, 2002, "Thermal induced conformational changes of albumin structure studies by chromatography and electrophoresis", *Book of abstract of 3rd International Conference of the Chemical Societies of the South-Eastern European Countries on Chemistry in the New Millenium-an Endless Frontier, September 2002*, 1: 245.
20. F. Bodescu, S. Danieleescu, **C. Postolache**, S. Cristofor, A. Vădineanu, 2002, "Functional evaluation of wetlands, a tool for integrated management in the Neajlov river basin/Romania", *Proceedings of the Euroconference "Science for Water Policy (SWAP)", The implications of the Water Framework Directive, September 2002*, 633.
21. **Carmen Postolache**, Rotaru, I., Vădineanu, A., 2004, "Sediment and nutrient transport from Neajlov catchment to the Danube River", *Volume of Abstracts: The Pollutant Influxes into Semi-enclosed Marine Basins-Comparison between the European River-Seas Systems of the Baltic Sea, the North Sea, the Mediteranean Sea and Black Sea, Bucharest 22-24 October 2004*, 25.
22. Adamescu, A., Cazacu, C., Cristofor, S., Ignat, Gh., Rîșnoveanu, G., **Postolache, C.**, Vădineanu, A., 2004 "Changes of food webs on shallow eutrophic lakes of the Lower Wetland System (LDWS)", *Volume of Abstracts: The Pollutant Influxes into Semi-enclosed Marine Basins-Comparison between the European River-Seas Systems of the Baltic Sea, the North Sea, the Mediteranean Sea and Black Sea, Bucharest 22-24 October 2004*, 7.
23. Risnoveanu Geta, Nistorescu Marius, Ciubuc Constantin, **Postolache Carmen**, Popescu Cristina, Preda Elena, Vădineanu Angheluță, 2004, "Leaf litter breakdown rates as tool for assessing functional stream integrity: preliminary results from Romanian streams", *Volume of Abstracts: The 7th INTECOL, 25-30 July 2004*.
24. Vădineanu, A., M., Adamescu, c., Cazacu, S. Cristofor, G., Ignat, G., Risnoveanu, **C., Postolache, F.**, Bodescu, 2004, "Ecosystem responses to river pulses and nutrient enrichment: a long term view upon Lower Danube Wetlands System (LDWS)", *Volume of Abstracts: The 7th INTECOL, 25-30 July 2004*.
25. Vădineanu A., Cristofor, S., Adamescu, M., Cazacu, C., Ignat, G., **Postolache, C., G.**, Risnoveanu, 2004. Argumente si alternative pentru reconstructia si reabilitarea zonelor umede pe sectorul inferior al Dunarii. Tulcea, 14-16 septembrie 2004.
26. Ciubuc C., Preda E., **Postolache C.**, Risnoveanu G., Nistorescu M., Popescu C., Vădineanu A., 2004, "Influenta eutrofizarii asupra starii ecologice a ecosistemelor lotice de ordin inferior din bazinul Prahovei", *Conferinta Societatii Romane de Limnologie: Biologia si Dezvoltaterea Durabila, 11-12 iunie, Bacau, 2004*.
27. Teodorescu I., Ignat G., Ciubuc C., Nistorescu M., Popescu C., Risnoveanu G., **Postolache C.**, Preda E., Vădineanu A., 2004, "Influenta vegetatiei ripariene asupra starii ecologice a ecosistemelor lotice de ordin inferior din bazinul Argesului", *Conferinta Societatii Romane de Limnologie: Biologia si Dezvoltaterea Durabila, 11-12 iunie, Bacau, 2004*.
28. Risnoveanu G., Preda E., Nistorescu M., Popescu C., **Postolache C.**, Vădineanu A., 2004, "Procesul de descompunere a literei, indicator potential In evaluarea starii ecologice a ecosistemelor acvatice", *Conferinta Societatii Romane de Limnologie: Biologia si Dezvoltaterea Durabila, 11-12 iunie, Bacau, 2004*.
29. Georgia Cosor, Mihaela Oprina-Pavelescu, Constantin Cazacu, **Carmen Postolache**,

- 2007, Estimarea eroziunii solului la nivelul bazinului hidrografic Neajlov, in: „Lucrarile Conferintei Nationale de Ecologie”, 11-14 Octombrie, Mamaia , pg. 99-100, ISBN 978-973-558-315-6
30. **Carmen Postolache**, Sabina Datcu , 2007, Modelarea matematica a fluxurilor de azot si fosfor la nivelul bazinului hidrografic Neajlov in: „Lucrarile Conferintei Nationale de Ecologie”, 11-14 Octombrie, Mamaia , pg. 195, ISBN 978-973-558-315-6
 31. **Carmen Postolache**, Carmen Campian, Mihaela Oprina-Pavelescu, Sergiu Cristofor, Angheluta Vadineanu , 2007, Eficienta diferitelor structuri ripariene in retentia de nutrienti, in: „Lucrarile Conferintei Nationale de Ecologie”, 11-14 Octombrie, Mamaia , pg. 199, ISBN 978-973-558-315-6
 32. **Carmen Postolache**, Carmen Campian, Mihaela Oprina, Sergiu Cristofor, Angheluta Vadineanu, 2008, “Biogeochemical Processes of Nutrients (N, P) in Riparian Structures Adjacent to Agricultural Field”,
 33. **Carmen Postolache**, Sabina Datcu, 2008, “Chemical and hydrogeomorphological characterization of aquatic ecosystems within the Neajlov catchment-mathematical modeling of nitrogen fluxes”, Romfizchem 13.
 34. **Carmen Postolache**, A. Vadineanu, 2009, Alternatives to Diffuse Pollution Control at Landscape Scale, Proceedings of the 5th International Conference on Environmental Engineering and Management, 15-19 September 2009, Tulcea, Volume of abstracts, pg.20, ISBN: 978-973-7645-66-1.
 35. **Carmen Postolache** and Luminita Deaconu, 2010, Characterization of nutrient fluxes in aquatic ecosystems of the Dambovnica catchment, Proceedings of the 14th International Conference on Physical Chemistry ROMPHYSICHEM-14, 2-4 June 2010, Bucharest, Volume of abstracts, pg.166, ISBN: 978-973-0-08331-6.
 36. **Carmen Postolache**, Luminita Deaconu and Florina Botez, 2010, Distribution and dynamics of heavy metal fluxes in aquatic ecosystems of the Dambovnica catchment, Proceedings of the 14th International Conference on Physical Chemistry ROMPHYSICHEM-14, 2-4 June 2010, Bucharest, Volume of abstracts, pg.188, ISBN: 978-973-0-08331-6.
 37. **Postolache, C.**, Diaconu, L., Botez, F., 2011, *Spatial and temporal dynamics of nutrient fluxes in aquatic ecosystems of the Dambovnica catchment*, COST 869 „Mitigation options for Nutrient Reduction in Surface Water and Groundwaters”, Keszthely Hungary, 12-14 October 2011.
 38. **Postolache, C.**, Botez, F., 2013, *Effects of Nitrogen Deposition on Nitrogen Cycling in Grassland Ecosystems*, Conference Abstracts Book: Integration, Challenges for Sustainability, pp.85-86, Eds.: Adela Buburuzan, Brindusa Robu, Carmen Teodosiu, 7th International Conference on Environmental Engineering and Management 18 - 21 September 2013 Vienna, Austria.
 39. Moza M. I., Moldoveanu M., Mihali C. V., Sandu C., Spaak P., Pomati F., Postolache C., 2013, In situ isolation, morphology and ultrastructure of cyanobacteria from Danube Delta lakes, 4th Aquatic Biodiversity International Conference, 8-11 octombrie 2013, Sibiu, (Abstract Book), pag. 63, ISBN 978-606-12-0585-1
 40. Ciubuc C., **Postolache C.**, 2014, Changes in the Trichoptera communities from the streams and springs complex Corbii Ciungi (Romanian Plain) between 1962 and present, The 6th International Zoological Congress of “Grigore Antipa” Museum, 19-21 Nov. 2014,

Bucharest, Romania.

41. Iasmina M.M., Moldoveanu M., Florescu L., Enache I., Parpala L., Spaak P., Kelemen B., Pomati F., Sandu C., **Postolache C.**, 2014, Danube Delta Biosphere Reserve (Romania)-a potential source of HABs?, a 16-a Conferinta Internationala „Harmful Algae”, 27-31 octombrie 2014, Wellington, Noua Zeelanda.
42. Moza M. I., Kelemen B., Postolache C., 2014, *Method optimization for preliminary metagenomics studies of Danube delta cyanobacteria*, **al 6-lea Congres International de Biologie Celulară și a 32-a Sesiune Stiintifică a SRBC**, 4-7 iunie 2014, Targu- Mures: pag. 34, Bulletin of Romanian Society for cell Biology, no. 42-June 2014, ISSN: 1584-5532
43. Moza M. I., Moldoveanu M., Kelemen B., Dumitrache A., Sandu C., Spaak P., Pomati F., Postolache C., 2014, *Occurrence and spatial distribution of potential toxic species of Cyanobacteria in Danube Delta Biosphere Reserve (Romania)*, **IAP Workshop - a 17-a intalnire a International Association of Phytoplankton Taxonomy and Ecology**, 14-21 septembrie 2014, Kastoria- Grecia, book of abstract, pag. 33 <http://puma.isti.cnr.it/rmydownload.php?filename=cnr.isc/cnr.isc/2014-A6-006/2014-A6-006.pdf>
44. Moza M. I. , Moldoveanu M., Florescu L., Enache I., Parpala L., Spaak P., Kelemen B., Pomati F., Sandu C., Postolache C., *Danube Delta Biosphere Reserve (Romania)-a potential source of HABs?*, „**Harmful Algae**” **International Conference**, 27-31 octombrie, 2014, New Zealand, (Book of Abstracts) , page 183 <http://www.issha.org/Welcome-to-ISSHA/Conferences/ICHA-Conferences/Past-conferences>
45. Enache I., Spaak P., Parpală L., Sandu C., Turko P., Moza M. I., Rîșnoveanu G., “Diversity and distribution of *Daphnia* species across the Danube Delta lakes”, **International Conference - “Cladocera”** – abstract book, pag. 36, Lednice, Czech Rep. September 28 – October 4 <http://www.cladocera2014.org/wp-content/uploads/2014/09/SymCla2014-abstract-book.pdf>
46. Moza M. I., Postolache C., Mihali C. V., 2015, *ESEM/EDX system expose a less known side of cyanobacteria from Danube Delta shallow lakes*, **Prima Conferința Națională a Societății Române de Microscopie Electronică (SMER)**, 7-8 mai 2015, București, abstract, pag. 31, http://www.romicroscopy.ro/images/book_of_abstracts.pdf
47. Moza M. I., Spaak P., Pomati F., Postolache C., 2015, *Are there toxic cyanobacteria in Danube Delta lakes?* , „ **Deltas and Wetlands - 24th Symposium**”, 19-21 mai, 2015, pag. 17 in: Török L. (ed) „Deltas and Wetlands” (Book of Abstracts) vol. 3, Tulcea, ISSN 2344-3766, doi: 10.14592/DDI.D.W.03.2015
48. Moza M. I., Moldoveanu M., Spaak P., Pomati F., Postolache C., 2015, *Occurrence of cyanobacteria species with toxic potential from lakes situated along Sulina Branch*, **al 7-lea Congres International de Biologie Celulară și a 33-a Sesiune Stiintifică a SRBC**, 11-14 iunie 2015, Baia-Mare, pag. 53, Bulletin of Romanian Society for cell biology, no. 43-June 2015, ISSN: 1584-5532
49. Moza M. I., Moldoveanu M., Spaak P., Pomati F., Postolache C., 2015, *Diversity, spatial and temporal distribution of genes involved in cyanotoxins synthesis from Danube Delta shallow lakes*, **al 9-lea Simpozion pentru Stiintele Apelor dulci Europene (SEFS)**, 5-10 iulie 2015, Geneva, Elvetia, pag 253,

http://www.sefs9.ch/wp-content/uploads/2015/09/Abstract_book_SEFS9.pdf

50. Moza M. I., Moldoveanu M., Spaak P., Pomati F., Postolache C., 2015, *Potentially toxic cyanobacteria and genes involved in cyanotoxins synthesis from Danube Delta shallow lakes*, **5th Aquatic Biodiversity International Conference**, 6-10 octombrie 2015, Sibiu, Pag. 33, ISSN 2457-7863.
51. **Postolache C.**, Stamen-Niculcea D., 2015, Application of Material Accounting Method in the Railway Transport Sector, BENA (Balkan Environmental Association) in collaboration with the University of Tuscia, Conferinta „ECOPROWATER 2015”, 1-3 octombrie 2015, Viterbo, Italy.
52. Csolti A., Botez F., **Postolache C.**, 2015, Effects of conversion from grassland to cropland on nitrogen biogeochemical cycle, 8th International Conference on Environmental Engineering and Management ICEEM 08, 9-12.Sept. 2015, Iasi, Romania.
53. Dumitrache A., Moldoveanu M., **Postolache C.**, Sandu C., Florescu L., 2015, Environmental factors controlling ciliates in shallow lakes of the Danube Delta – spatial and temporal variability, 14th International Conference on Environmental Science and Technology, 3-5 Sept. 2015. Rhodes, Greece.
54. Tiron O., Bumbac C., Pătroescu V., Cristea I., **Postolache C.** (2015) Optimization of dairy wastewater treatment using microalgae-activated sludge system. *A 8-a Conferință Internațională “Ingineria și Managementul Mediului”*, 9-12 septembrie, 2015, Iași.
55. Csolti, A., Botez, F., Postolache, C., 2015, “*Effects of Conversion from Grassland to Cropland on Nitrogen Biogeochemical Cycle*”, in ICEEM/08 Book of Abstracts, edit. Buzuruban, A., Fighir, D., Gavrilescu, D., Teodosiu, C., pag. 148-149, Iași, 9-12 septembrie 2015, ECOZONE Publishing House, ISSN 2457-7057.
56. Emilia Ionela Cojoc, Carmen Postolache, 2015,, Sustaining ecosystem services in forest landscapes: concepts, research and applications, 24-27 Sept., Tartu, Estonia
57. Csolti, A., Botez, F., Postolache, C., 2016, “*Effects of conversion from grassland to cropland on nitrogen biogeochemical cycle*”, in JaLTER/ ILTER joint symposium “ILTER Updates and Nitrogen Cycle Research in Ecosystems”, pag. 12, 19 iunie 2016, Hokkaido University, Japan.
58. Moza M. I., Druga B., Postolache C., Moldoveanu M., Florescu L., Parpala L., Enache I., Dumitrache A., Radu E., Monchamp M.E, Sandu C., Tellenbach C., Fontana S., Pomati F., Spaak P., 2016, *Factors modelling the presence and abundance of mcyE gene and MCs along lakes from Danube Delta*, **al 8-lea Congres Internațional de Biologie Celulară și a 34-a Sesiune Stiințifică a SRBC**, 8-12 iunie 2016, Oradea, pag. 24, Bulletin of Romanian Society for Cell Biology, no. 44-June 2016, ISSN: 1584-5532
59. Emilia Ionela Cojoc, Carmen Postolache, Bogdan Olariu, 2016, Anthropogenic fragmentation induces synergic effects on regulating and provisioning ecosystem services , Sustaining ecosystem services in forest landscapes: concepts, research and applications, 18-24 Sept.,2016, Antwerpen, Belgia.
60. Emilia Ionela Cojoc, Carmen Postolache, Bogdan Olariu, 2016, Effects of anthropogenic fragmentation on primary productivity and soil carbon storage in temperate mountain grasslands, I International Conference on Research for Sustainable Development in Mountain Regions, 4-8 Oct. 2016, Bragança, Portugalia.
61. Moza M. I., Moldoveanu M., Spaak P., Pomati F., Postolache C., 2016, *Genes involved in cyanotoxin synthesis from Danube Delta shallow lakes- diversity, spatial and temporal*

- distribution* , al 8-lea **Congres Internațional de Biologie Celulară și a 34-a Sesiune Științifică a SRBC**, 8-12 iunie 2016, Oradea, pag. 84, Bulletin of Romanian Society for Cell Biology, no. 44-June 2016, ISSN: 1584-5532
62. Moza M. I., Moldoveanu M., Postolache C., 2017, *Occurrence and spatial distribution of cyanobacteria from Danube Delta in relation with environmental variables*, al 9-lea **Congres Internațional de Biologie Celulară și a 35-a Sesiune Științifică a SRBC**, 8-12 iunie 2017, Iasi: pag. 73, Bulletin of Romanian Society for Cell Biology, no. 45-June 2017, ISSN: 1584-5532
 63. Moza M. I., Postolache C., 2017, *Troubleshooting in qPCR from environmental samples: mcyE gene quantification of genomic DNA from Danube Delta shallow lakes*, al 9-lea **Congres Internațional de Biologie Celulară și a 35-a Sesiune Științifică a SRBC**, 8-12 iunie 2017, Iasi: pag. 18, Bulletin of Romanian Society for Cell Biology, no. 45-June 2017, ISSN: 1584-5532
 64. Moza M. I., Postolache C., 2017, *Troubleshooting in qPCR from environmental samples: mcyE gene quantification of genomic DNA from Danube Delta shallow lakes*, al 10-lea **Simpozion pentru Științele Apelor dulci Europene (SEFS)**, 2-7 iulie 2017, Olomuc, Cehia, pag 215, <http://www.sefs10.cz/abstract-book-download>
 65. Moza M. I. , Moldoveanu M., Postolache C., 2017, *In situ abiotic factors that favor the occurrence and spatial distribution of cyanobacteria from Danube*, al 10-lea **Simpozion pentru Științele Apelor dulci Europene (SEFS)**, 2-7 iulie 2017, Olomuc, Cehia, pag 258, <http://www.sefs10.cz/abstract-book-download>
 66. Moza M. I., Mihali C.P., Postolache C., 2017, *The unseen face of cyanobacteria from Danube Delta lakes*, al 10-lea **Workshop European de Biologie Moleculară a Cianobacteriilor (EWMBC)**, 20-24 august 2017, Cluj, Romania, Abstract book, pag. 119
 67. Moza M. I., Olosutean H., Moldoveanu M., Dumitrache A., Postolache C., 2018, *Distribution of toxic cyanobacteria from Danube Delta in response to the action of various control factors*, al 10-lea **Congres Internațional de Biologie Celulară și a 36-a Sesiune Științifică a SRBC**, 6-9 iunie 2018, Craiova: pag. 59, Bulletin of Romanian Society for cell biology, no. 45-June 2018, ISSN: 1584-5532
 68. Moza M. I., Benedek A., Moldoveanu M., Postolache C., 2019, *Temporal and geographical patterns of cyanobacteria communities in the Danube Delta*, **Fresh Blood for Freshwaters**, 23-27 aprilie, Tihany, Ungaria, Abstract Book, pag. 49, http://fbfw2019.okologia.mta.hu/static/fbfw_app/FBFW_BOOK.pdf
 69. Moza M. I., Benedek A., Moldoveanu M., Dumitrache A., Dumitrache A., Pomati F., Spaak P., Postolache C., 2019, *Environmental drivers of cyanobacteria from Danube Delta Ecosystems*, **International Conference of Toxic Cyanobacteria “Learning from the past to predict the future”**, 5-10 mai, Cracovia, Polonia, Abstract Book, pag. 176
 70. Moza M. I., Benedek A., Olosutean H., Moldoveanu M., Dumitrache A., Pomati F., Dumitrache A., Spaak P., Postolache C., 2019, *Cyano harmful algal blooms (cyanoHABs) from Danube Delta Biosphere Reserve – factors and mechanisms*, al 11-lea **Congres Internațional de Biologie Celulară și a 37-a Sesiune Științifică a SRBC**, 20-23 iunie, Constanta: pag. 37, Bulletin of Romanian Society for Cell Biology, no. 46-June 2018, ISSN: 1584-5532
 71. Moza M. I., Benedek A., Olosutean H., Moldoveanu M., Dumitrache A., Dumitrache

- A., Spaak P., Pomati F., Postolache C., 2019, *Is Danube Delta Biosphere Reserve (Romania) a hot spot for Harmful Algal Blooms?*, **al 11-lea Simpozion pentru Stiintele Apelor dulci Europene (SEFS)**, 2-7 iulie 2017, Zagreb, Croatia, pag. 334, <http://www.sefs11.biol.pmf.hr/book-of-abstracts/>
72. Moza M. I., Moldoveanu M., Benedek A., Spaak P., Pomati F., Postolache C., 2019, *Danube Delta toxic cyanobacteria and their control factors*, **7th Aquatic Biodiversity International Conference**, 25-28 septembrie 2019, Sibiu, Pag. 18, ISSN 2457-7863, <http://sites.conferences.ulbsibiu.ro/abic/2019/structure.html>

G. Lista brevetelor de invenție

1. Tiutiu, F., Boca, E., **Postolache, C.**, Boghiu N, 1995, Heparin purification by anion exchange resin and ultrafiltration - obtd. from pigs intestines pickling brine, **RO109814-B1**.
2. Tiutiu F, Boca E., Chivu, V., Călugărescu, D., Popa, C., Boghiu, N., Panaitescu, M., Covaci, T.M., Talos, D., Vizitiu, M., Stanciu, N., Sandu, N., **Postolache, C.**, Rădulescu, C., 1998, Hair loss preventing and treating preparation containing hair hydrolysate, merthiolate, ethanol, water and scent, **RO113206-B1**.
3. Jurcoane, S., Ioniță, A., Horiță, S., **Postolache, C.**, Răitaru, G., Iancu, E., 1999, Preparation of glucose oxidase by submerged microorganism cultivation using *Aspergillus* sp., **RO114151-B**.

Prof. Dr. Carmen POSTOLACHE