



GEORGESCU MARIUS
Curriculum vitae

Personal Information

Name/Surname Georgescu Marius

Education

2009-2012 Ph.D. student, Physiology, the University of Medicine and Pharmacy, Craiova, Romania, Ph.D. supervisor Professor Maria Iancau, M.D., Ph.D.

2002-2008 General Medicine, the University of Medicine and Pharmacy, Craiova, Romania

1998-2002 National College Carol I, Craiova, Romania, Mathematics - Informatics, intensive English

Professional Experience

2020-prezent Specialist in Laboratory Medicine, CF Timisoara Clinical Hospital, Molecular Biology Department

2021-prezent Head of Works, Physiology Department, Victor Babes University of Medicine and Pharmacy, Timisoara

2014-2021 Assistant Professor, Physiology, Victor Babes University of Medicine and Pharmacy, Timisoara

2008-2012 Resident Physician, Family Medicine, County Emergency Clinical Hospital No. 1, Craiova

2017 Specialist Physician, Laboratory Medicine (biochemistry, hematology, microbiology, virology, immunology, parasitology, mycology), supervisor Prof. Dr. Roxana Moldovan

Didactic activity

Books and book chapters

1. Fiziologie umana - lucrari practice - fiziologie generala, digestiv, sange, renal. Carmen Panaitescu, Carmen Tatu, Daciana Nistor, Gabriela Tanasie, Monica Cotarca, Elena Ciurariu, Laura Marusciac, Sabine Groza, **Marius Georgescu**, Luminita Cernescu, Crenguta Calma, Adriana Gherbon; Editura Eurostampa, Timisoara, 2017

2. Fiziologie umana - lucrari practice – cardiovascular, respirator, endocrin, sistem nervos. Carmen Panaitescu, Daciana Nistor, Gabriela Tanasie, Carmen Tatu, Laura Marusciac, Dana Plesca, Laura Gotia, Adriana Gherbon, Luminita Cernescu, Sabine Groza, Elena Ciurariu, Monica Cotarca, **Marius Georgescu**, Paul Tamas, Crenguta Calma, Daniela Crîsnic, Octavia Harich; Editura Eurostampa, Timisoara, 2017

Scientific activity - grants

1. Proiect INSPIRED - „Strategii inovative pentru prevenția, diagnosticul și terapia afecțiunilor respiratorii induse de polenul de ambrozia” (cod SMIS 103662) (2016-2019), Director Proiect Dr. Kuan-Wei Chen
2. POSDRU/88/1.5/S/52826, Proiect ID 52826 (2009-2012) „Dezvoltarea scolilor doctorale prin acordarea de burse tinerilor doctoranzi cu frecvență” – doctorand
3. Proiect PNCDI2 42-172/2008: “Cuantificarea efectelor unor noi factori reglatori celulari și moleculari ai micromediului asupra toleranței imune în cursul terapiei antiinflamatoare și/sau antitumorale”, Director Proiect Prof. Dr. Carmen Ardeleanu, membru al echipei P3

Scientific activity - ISI articles (in extenso)

1. Haidar, L.; Bălțeanu, M.A.; **Georgescu, M.**; Drăghici, G.A.; Laza, E.-A.; Șerb, A.-F.; Cioboată, R. Smoking and Health Profiles of Hypertensive Patients with COVID-19: An Exploratory Study of Key Physiological Markers. *J. Clin. Med.* **2024**, *13*, 7245. <https://doi.org/10.3390/jcm13237245> (IF 2023=3.0)
2. Uța, C.; Tîrziu, A.; Zimbru, E.-L.; Zimbru, R.-I.; **Georgescu, M.**; Haidar, L.; Panaitescu, C. Alloimmune Causes of Recurrent Pregnancy Loss: Cellular Mechanisms and Overview of Therapeutic Approaches. *Medicina* **2024**, *60*, 1896. <https://doi.org/10.3390/medicina60111896> (IF 2023=2.4)
3. Zimbru, R.-I.; Zimbru, E.-L.; Ordodi, V.-L.; Bojin, F.-M.; Crîșnic, D.; Grijincu, M.; Mirica, S.-N.; Tănăsie, G.; **Georgescu, M.**; Huțu, I.; et al. The Impact of High-Fructose Diet and Co-Sensitization to House Dust Mites and Ragweed Pollen on the Modulation of Airway Reactivity and Serum Biomarkers in Rats. *Int. J. Mol. Sci.* **2024**, *25*, 8868. <https://doi.org/10.3390/ijms25168868> (IF 2023=4.9)
4. Haidar, L.; **Georgescu, M.***; Drăghici, G.A.; Bănățean-Dunea, I.; Nica, D.V.; Șerb, A.-F. DNA Methylation Machinery in Gastropod Mollusks. *Life* **2024**, *14*, 537. <https://doi.org/10.3390/life14040537> (IF 2023=3.2) *corresponding author
5. Șerb, A.F.; **Georgescu, M.***; Onulov, R.; Novaconi, C.R.; Sisu, E.; Bolocan, A.; Sandu, R.E. Mass-Spectrometry-Based Research of Cosmetic Ingredients. *Molecules* **2024**, *29*, 1336. <https://doi.org/10.3390/molecules29061336>, (IF 2023=4.2) *corresponding author
6. Novaconi, C.R.; Onulov, R.; Șerb, A.F.; Sisu, E.; Dinca, N.; Pascariu, M.-C.; **Georgescu, M.** Assessing Glycosphingolipid Profiles in Human Health and Disease Using Non-Imaging MALDI Mass Spectrometry. *Appl. Sci.* **2023**, *13*, 9922. <https://doi.org/10.3390/app13179922>, (IF 2023=2.5)
7. Cojocariu, C.; Dinca, N.; **Georgescu, M.**; Sisu, E.; Șerb, A.; Pascariu, M.-C. Mass-Energy Profiles Obtained by Quantum Chemical Computing Applied in Mass Spectrometry: A Case Study with Identification of a Group of Acetalized Monosaccharide Isomers. *Appl. Sci.* **2023**, *13*, 7530. <https://doi.org/10.3390/app13137530>, (IF 2023=2.5)
8. Schwarz, C.; Balean, O.; Dumitrescu, R.; Ciordas, P.D.; Marian, C.; **Georgescu, M.**; Bolchis, V.; Sava-Rosianu, R.; Fratila, A.D.; Alexa, I.; et al. Total Antioxidant Capacity of Saliva and Its Correlation with pH Levels among Dental Students under Different Stressful Conditions. *Diagnostics* **2023**, *13*, 3648. <https://doi.org/10.3390/diagnostics13243648> (IF 2023=3)
9. Cojocariu C, Hădăde ND, Pascariu MC, Ladasiu C, Șerb A, Sisu E, **Georgescu M**, Unexpected behavior of trisilanolisobutyl-poss, key compound in drug delivery

systems, during mass spectrometry analysis, *FARMACIA*, **2023**, Vol. 71, 1, <https://doi.org/10.31925/farmacia.2020.5.16>, (IF 2023= 1.4)

10. Serb AF, Novaconi C, **Georgescu M***, Puiu M, Dema A, Onulov R, Sisu E, Preliminary Analysis of the Glycolipid Profile in Secondary Brain Tumors, *Biomed Res Int*. 2022 Nov 22;**2022**: 4293172., [10.1155/2022/4293172](https://doi.org/10.1155/2022/4293172), (IF 2021= 3.246)
*corresponding author

11. Pascariu M-C, Dinca N, Cojocariu C, Sisu E, Serb A, Birza R, **Georgescu M**, Computed Mass-Fragmentation Energy Profiles of Some Acetalized Monosaccharides for Identification in Mass Spectrometry. *Symmetry*, **2022**, 14(5):1074., <https://doi.org/10.3390/sym14051074>, (IF 2022= 2.7)

12. **Georgescu M**, Drăghici GA, Oancea E-F, Dehelean CA, Șoica C, Vlăduț N-V, Nica DV, Effects of Cadmium Sulfate on the Brown Garden Snail *Cornu aspersum*: Implications for DNA Methylation, *Toxics*, **2021**, 9(11):306., [10.3390/toxics9110306](https://doi.org/10.3390/toxics9110306) (IF 2021= 4.472)

13. **Georgescu M**, Haidar L, Serb AF, Puscasiu D, Georgescu D, Mathematical Modeling of Brain Activity under Specific Auditory Stimulation, *Computational and Mathematical Methods in Medicine*, **2021**, DOI:10.1155/2021/6676681, (IF 2021=2.809)

14. Bojin LA, **Georgescu M**, Cojocaru C, Pascariu MC, Purcarea VL, Ivan MV, Puiu M, Dehele C, Serb AF, Sisu E, Penescu MN, Structural investigation of raw and modified glycans by MALDI-TOF mass spectrometry , *FARMACIA*, **2020**, 68 (5) :891-897, <https://doi.org/10.31925/farmacia.2020.5.16>, (IF 2020 = 1.433)

15. LA Bojin, AF Serb, MC Pascariu, A Moaca, R Kostici, VL Purcărea , Penescu M, Ivan MV, **Georgescu M ***, E Sisu, Assessment of antioxidant properties of different fomes fomentarius extracts, *FARMACIA*, **2020**, 68 (2) :322-328 , DOI:10.31925/farmacia.2020.2.18 , *corresponding author (IF 2020=1.433)

16. Ivan VM, **Georgescu M**, Apostol A, Albulescu N, Serb AF, Tatu CS, Trimetazidine, a Metabolic Modulator, with Cardioprotective Effects Against Myocardial Ischemia, *Revista de Chimie*, **2018**, 69(7):1616-1620. <https://doi.org/10.37358/RC.18.7.6382> , (IF 2018=1.605)

17. DA Puscasiu, Tanasie G, **Georgescu M**, Tatu RF, Tatu CS, The contribution of histochemical and immunohistochemical techniques in assessing the proliferative capacity and prognosis for renal cell carcinoma, *Revista de Chimie*, 2017, 68(8):1804-1806. DOI: [10.37358/RC.17.8.5769](https://doi.org/10.37358/RC.17.8.5769), (IF 2017=1.232)

18. Căluianu EI, Alexandru DO, Târtea EA, **Georgescu M**, Mercuț D, Trașcă ET, Iancău M, Assessment of T- and B-lymphocytes and VEGF-A in acute pancreatitis, *Romanian Journal of Morphology and Embryology*, **2017**;58(2):481-486 (IF 2017= 0.67)

Scientific activity - ISI articles (abstract)

1. Using the Edge Frequency Index of the Cerebral Frequencies Spectrum in Evaluating the Development of Skills, **M.Georgescu**, D. Enescu Bieru, C.Bogdan, D.Georgescu, V. Sfredel, I. Streata, V.Nestianu, M.Iancu, *Clinical neurophysiology*, Vol 122, Supplement 1, S161, 2011

2. Electrophysiological Testing of Coloured Sight Through Visual Evoked Potentials, M.Iancau, D.Georgescu, B.Catalin, V.Sfredel, F.Romanescu, **M.Georgescu**, D.Enescu-Bieru, V.Nestianu; *Acta neurobiologiae experimentalis*, Vol. 67, 310, 2007

Scientific activity - BDI
articles (in extenso)

1. Cojocariu C., Pascariu M.C., Dinca N., Onulov R., Sisu E., Puscasiu D., Serb A., **Georgescu M.** Identification of cis and trans configurations in bioactive lipids using mass-energy profiles, *Fiziologia – Physiology* 2022, 1(103), 40-43.
2. Nicolosu D, **Georgescu M**, Cioboata R, Tuberculous Pleural Effusion or Dextroposition of the Heart? A Case Report, *Fiziologia - Physiology*, Vol. 29.1(97), 26-29, 2019.
3. Bojin L, Cojocar C, **Georgescu M**, Puiu M, Pascariu MC, Serb A, Puscasiu D, Tatu C, Sisu E, Investigation of Neutral Polysaccharides from Fomes Fomentarius: A Preliminary Study, *Fiziologia - Physiology*, Vol. 28.2(96), 20-27, 2018.
4. Caluianu (Turmacu) EI, Alexandru DO, **Georgescu M**, Mercuț D, Trașcă ET, Iancău M., Utilizing Multiparameter Scores and Procalcitonin as Prognosis Markers for the Degree of Severity of Acute Pancreatitis., *Current Health Sciences Journal*, 2017, 43(4):311-317
5. Caluianu EI, Alexandru DO, Mercut D, **Georgescu M**, Trască ET, Iancău M., Assessing the Degree of Severity of Acute Pancreatitis by Using Multiparameter Scores. *Current Health Sciences Journal*, 2017, 43(2):127-131
6. Cioboata R, **Georgescu M**, AE Gaman, Relapsed Pseudomyxoma Peritonei, *Fiziologia – Physiology*, Vol. 27.2(94), 13-16, 2017.
7. Cioboata R, Bazavan I, **Georgescu M**, Chaudrey S, Gaman AE, Pulmonary Aspergilloma in an Immunocompetent Patient, *Fiziologia – Physiology*, Vol. 27.1(93), 24-27, 2017.
8. Voisan R, Tanasie G, Cristea M, Marusciac L, **Georgescu M**, Tatu C, Ionac M, Evaluation of the In Vitro Secretory Profile of Mesenchymal Stem Cells in Contact With a Titanium-Hydroxyapatite Biomaterial, *Fiziologia – Physiology*, Vol. 26, Nr. 2(90), 2016.
9. **Georgescu M**, Gadidov A, Iancau M, Georgescu D, Effects of Monotonous Auditory Stimulation on the Human EEG, *Neuroscience & Medicine*, Vol. 3, Nr. 4, 337-343, 2012.
10. **Georgescu M**, Serb A.F, Tatu C, Puscasiu D, Georgescu D, Enescu-Bieru D, Iancau M, The Influence of External Auditory Stimuli on Electrical Brain Activity, *Fiziologia – Physiology*, Vol. 22, Nr. 2(74), 4-10, 2012.
11. **Georgescu M**, Georgescu D, Alexandru A, Tatu C, Iancău M, Analysis of the Evolution in Time of the Effects of Monotonous Auditory Stimulation on Cortical Biopotentials, *Fiziologia – Physiology*, Vol. 23, Nr. 3(75), 18-22, 2012
12. Vintilescu Raluca, Balseanu Adrian, Mitu Cristina, Dina Ciprian, **Georgescu M**, Iancau Maria, Etiology and pathophysiology of seizures, epilepsy and status

epilepticus after stroke, *Fiziologia – Physiology*, Vol. 23, Nr. 3(75), 36-40, 2012

13. The Assessment of ERG Differences between Red and White Stimuli, Alexandru D, Catalin B, **Georgescu M**, Georgescu D, Iancu Maria, *Fiziologia – Physiology*, Vol. 21, Nr. 4(72), 24-29, 2011.

14. Morpho-functional Novelties Concerning the Retina and Visual Prosthesis, D. Alexandru, **Georgescu Marius**, B. Cătălin, D. Georgescu, Maria Iancău, *Current Health Sciences Journal*, Vol. 37, Nr. 2, 62-69, 2011.

15. Enescu Bieru D., Catalin B., Cosma G., **Georgescu M.**, Georgescu D., Alexandru D., Fortan C., Popescu C., Iancu M.-Comparative study of compound muscle action potential and motor nerve velocity between professional sportsmen, *Sport Science Review*, XVIII no.3, 65-79, 2009

Scientific activity - B articles (in extenso)

1. Electroneurophysiological Exploration Through Visual Evoked Potentials, M.Iancu, D. Georgescu, B. Catalin, **M. Georgescu**, V. Nestianu, *Romanian Journal of Physiology Physiological Sciences*, no.1-2, January-June 2006, Romanian Academy

2. Caracteristici morfofunctionale ale vederii in culori, M. Iancu, D. Georgescu, B. Catalin, M. Ciorbagiu, A. T. Balseanu, **M.Georgescu**, B. A. Balanescu, N. Velicu, V. Nestianu, *The Medico-Surgical Magazine of the Society of Physicians and Naturalists*, Iasi, Romania, no.1/2007

Scientific activity - C articles (in extenso)

1. Evaluation of the Medical Students' Interest for Inter-disciplinary Studies Using the Questionnaire Method, C. T. Streba, **M. Georgescu**, L.A. M. Streba, *Craiova medicala*, Vol. 5, supl. 3, 408-412, 2003

Scientific papers presented at scientific events

51 papers presented at national and international scientific events (Anexa 1)

Hirsch Index 2026

h-index= 7 (Web of Science)

ORCID iD : 0000-0003-4348-5063

Web of Science ResearcherID: GCB-4465-2022

SciProfiles:1949509

Affiliations

Awards

The Romanian Society of Physiological Sciences , affiliated to FEPS and IUPS

2023 - 1 ISI article awarded by UEFISCDI within the subprogram Awarding Research Results – Articles

Editor

Reviewer

Revista Fiziologia – Physiology (BDI), Current Health Sciences Journal (BDI, PUBMED)

Personal aptitudes and competences

Native language Romanian

Foreign languages

English

French

Comprehension				Speaking				Writing	
Listening		Reading		Interaction		Expression			
C2	Competent	C2	Competent	C2	Competent	C2	Competent	C2	Competent
B1	Independent	B1	Independent	B1	Independent	B1	Independent	B1	Independent

Social skills and abilities

Organized person, good synthetic and global observation skills in specific situations, ability to work, solve problems, responsible, respectful, self-confident, with the ability to establish and maintain good collegial relationships with people of various cultural and national origins

Technical skills and abilities

Electroencephalography, visual evoked potentials

Use of PCR techniques

Use of microbiological, immunological, and hematological techniques

Computer skills and abilities

All Windows operating systems, MS Office (Word, Excel, PowerPoint, Access), Adobe Acrobat, all internet browsers, various software skills, average hardware skills

B

Driving license

Annex 1 : Papers presented at scientific events

Abstracts of papers presented at international conferences:

1. Ramboiu S, Iancau M., Georgescu D., Badea P., Rosoiu C, Donoiu L, Voican C., Enescu-Bieru D., **M. Georgescu**, Nestianu V, Rusca N., Study of modification in Electroretinogram and visual evoked potentials in color stimulation, 3th Congress of FEPS, Nice, Franta, 28 iunie-2 iulie 2003

2. Iancau M., Georgescu D., Gusti A, Enescu-Bieru D., Badea P., Vreju F.A., **Georgescu M.**, Catalin B., Balanescu BA. T., Mican S., Gusti S, Nestianu V, The study of visual electrophysiological parameters induced through different wavelengths of luminous radiation, the 5th FENS Forum, Vienna, Austria, 8-12 Iulie 2006

3. Catalin B., Iancau M., Georgescu D., Balseanu A. T., Streata I., Deaconescu V., Enescu-Bieru D., **Georgescu M.**, Gusti A.- Method of Evaluation for Human Chromatic Memory, the 6th FENS Forum, Geneva, Elvetia, 12-16 Iulie 2008

4. Iancau M., Georgescu D., Catalin B., **M. Georgescu**, Sfredel V., Romanescu F., Enescu-Bieru D., Mitran S., Balseanu A. T. , Nestianu V- Investigation of Colored Sight through Visual Evoked Potentials, 6th FENS Forum, Geneva, Elvetia, 12-16 Iulie 2008

5. Catalin B., Enescu-Bieru D., Georgescu D., Balseanu A. T., Sfredel V., **M. Georgescu**, Streata I., Nestianu V. & Iancau M., Aspects of Somato-Sensitive Evoked Potentials in a Group of Performance Sportsmen, 7th FENS Forum of European Neuroscience, Amsterdam, Olanda, 3-7 Iulie, 2010

6. Iancau M., Catalin B., Enescu-Bieru D., Georgescu D., Romanescu F., **M. Georgescu**, Streata I., Mitran S., Balseanu A. T., The Variability of Motor Conduction Velocity in Fencers, Handball and Volleyball Players, 7th FENS Forum of European Neuroscience, Amsterdam, Olanda, 3-7 Iulie, 2010

7. Sfredel V., Matcas H., Danoiu S., Sfredel D., Mitran S., Balseanu A., Catalin B., **Georgescu M.**, Riza A. & Cristea C., Correlations Between Breakage Resistance of the Fibrin Clot and the Antecedent Presence of Ischemic Stroke, 7th FENS Forum of European Neuroscience, Amsterdam, Olanda, 3-7 Iulie, 2010
8. Alexandru D. O, **M. Georgescu**, Catalin B., Georgescu D., Iancau M., Alexandru L. & Balseanu A, **Software** Model of the Information Transmission in the Retina, 7th FENS Forum of European Neuroscience, Amsterdam, Olanda, 3-7 Iulie, 2010
9. **Georgescu M.**, Georgescu D., Enescu-Bieru D., Bogdan C., Sfredel V., Maria I., Nestianu V., Methods of Evaluating Electroencephalographic Modifications, 7th FENS Forum of European Neuroscience, Amsterdam, Olanda, 3-7 Iulie, 2010
10. **Georgescu M.**, Georgescu D., Catalin B., Sfredel V., Enescu Bieru D., Alexandru D., Streata O., Nestianu V., Iancau M., The Influence Of Ambient Sounds On Cerebral Activity, 8th World Congress Of Ibro, Florenta, Italia, 14 -18 Iulie 2011
11. **Georgescu M.**, Georgescu D., Enescu-Bieru D., Catalin B., Sfredel V., Iancau M. Electroencephalographic Modifications in Motor/Virtual Activities, 8th Congress of FEPS, Istanbul, Turcia, 3-7 Septembrie 2011
12. Catalin B., Neamtu C.M., Avramescu T., Rusu L., Georgescu D., Neamtu O.E., **Georgescu M.**, Nestianu A., Streata I., Enescu-Bieru D., Iancau M., Complex Computational Analysis Of Gait And Visual Evoked Potentials On Patients With Multiple Sclerosis, 8th World Congress Of Ibro, Florenta, Italia, 14 -18 Iulie 2011
13. Alexandru D., **Georgescu M.**, Catalin B., Georgescu D., Iancau M., Software for Simulating the Processing of Visual Stimuli in the Retina, 8th World Congress of Ibro, Florenta, Italia, 14 -18 Iulie 2011
14. **Georgescu M.**, Georgescu D., Catalin B., Enescu-Bieru D., Sfredel V., Iancau M., Modifications In Cerebral Activity Due To Monotonous Sound Stimulation, 8th FENS Forum of European Neuroscience, Barcelona, Spania, 14-18 Iulie 2012
15. Georgescu D., **Georgescu M.**, Alexandru D., Iancau M, Human EEG Under Monotonous Auditory Stimulation, NEURONUS 2013 IBRO & IRUN Neuroscience Forum, 9-11 May 2013, Krakow, Poland, Book of abstracts, pag.59
16. Serb A., Vukelić Ž., Bozin L., **Georgescu M.**, Belengeanu D., Sisu E., Zamfir A., Usage of Advanced Mass Spectrometric Methodology for the Analysis of Glycoconjugates from Human Biological Matrices, Proceedings of The 20th International Symposium on Analytical and Environmental Problems, 22 septembrie 2014, Szeged, Ungaria, pag. 59-62
17. Serb A.F., Bozin L., Dema A., **Georgescu M.**, Sisu E., Zamfir A.D, Analysis of glycoconjugates from primary brain tumors using a complex mass spectrometric methodology, 9th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications, Kalamata, Grecia, 20-24 Septembrie 2015

Abstracts of papers presented at national conferences with international participation:

1. D. Georgescu, Fl. Bădulescu, I. Bărbălan, **M. Georgescu**; O analiză comparativă urban – rural, a duratei de supraviețuire a pacienților cu neoplasm al glandei mamare, decedate între anii 1997-2000, tratate la spitalul clinic de urgență din județul Dolj, National Conference of Oncology, with international participation, "Modern Tendencies in Oncology", Craiova-Caciulata, Romania, 07th-10th of November 2002
2. C. T. Streba, **M. Georgescu**, L.A. M. Streba: Evaluation of the Medical Students' Interest for Inter-disciplinary Studies Using the Questionnaire Method, National Conference of Medical Informatics, with international participation – MEDINF Craiova, Romania, 9 – 11 Octombrie, 2003
3. M.Iancau, D.Georgescu, M.Popescu, M.Bistriceanu, P.Badea, B.Catalin, M.Ciorbagiu, B.A.Balanescu, M.Velicu, D.Enescu-Bieru, **M.Georgescu**, V.Nestianu, Neuroelectrical Physiological Testing in Hypophyseal Adenoma, the 2nd International Conference of the National Neuroscience Society of Romania, "Neuronal excitability: from molecular level to sistem", Bucharest, Romania, 1st-3rd of September, 2006

4. D. Enescu-Bieru, B. Catalin, D.Georgescu, F. Romanescu, **M. Georgescu**, A. T. Balseanu, M.Iancau, Neurophysiological Investigation through Somatosensory Evoked Potentials in Professional Sportsment, the 5th Gheorghe Marinescu Symposium of the National Neuroscience Society of Romania, with international participation, Bucharest, Romania, 1st-3rd of October 2009
5. I. Sisu, L. Božin, **M. Georgescu**, A. Serb, L. Rusnac, E. Sisu, Analysis of maltodextrin derivatives through HCIT-MS, A XXXIII-a Conferință Nationala de Chimie, 1-3 octombrie 2014, Căciulata, România
6. A.Serb, A.Dem, **M.Georgescu**, E.Sisu, L.Zagreanu, A.Zamfir, Neurolipidomic studies about carbohydrate-linked lipids from biological matrices using advanced mass spectrometry techniques, The Conference of the National Neuroscience Society of Romania 2014, SNN 2014 Bucuresti, 23-25 Octombrie 2014; rezumat publicat in revista Fiziologia (Physiology), supplement 2,2014, pag.29, ISSN 1223-2076
- 7.Georgescu D, **Georgesc M**, Georgescu AF, Tarata M, Alexandru D, Iancau M, A mathematical model of EEG spectrum under monotonous sound stimulation The XIIth National Congress of the Romanian Society of Physiology, with international participation-SRF2016, Craiova, 26th-28 th of May 2016, Fiziologia – Physiology supplement, p 23, 2016, ISSN 1223-2076
8. **Georgescu M**, Iancau M, Georgescu D, The influence of music on human brain electrical activity, The XIIth National Congress of the Romanian Society of Physiology, with international participation-SRF2016, Craiova, 26th-28 th of May 2016, Fiziologia – Physiology supplement, p 24, 2016, ISSN 1223-2076
9. Alexandru DO, Georgescu D, Catalin B, **Georgescu M**, Alexandru LM, Iancau M,Mathematical model of the retinal cell functioning, The XIIth National Congress of the Romanian Society of Physiology,with international participation-SRF2016, Craiova, 26th-28 th of May 2016, Fiziologia – Physiology supplement, p 37, 2016, ISSN 1223-2076
10. A.F. Georgescu, L. Bozin, **M. Georgescu**, A. Dema, M.C. Pascariu, E. Sisu, Assessment of distribution of glycoconjugates obtained from natural matrices, The XIIth National Congress of the Romanian Society of Physiology, with international participation-SRF2016, Craiova, 26th-28 th of May 2016, Fiziologia – Physiology supplement, p 56, 2016, ISSN 1223-2076
11. M Cotarcă, C Panaitescu, C Tatu, L Marusciac, **M Georgescu** , D Pușcașiu, The modular approach to medical education summer school experience "urinary system, three centuries after Malpighi", The XIIth National Congress of the Romanian Society of Physiology, with international participation-SRF2016, Craiova, 26th-28 th of May 2016, Fiziologia – Physiology supplement, p 28, 2016, ISSN 1223-2076
12. SL Gotia, SR Gotia, S Groza, **M Georgescu**, M Cotarca, O Harich, Smoking and salivary antioxidant capacity, The 29th National Conference of the Romanian Physiology Society with international attendance Personalized Physiology from Concept to Precision Medicine, Timisoara, May 25-27, 2017
13. Cristina Novaconi, Robert Onulov, **Alina Florina Șerb**, Marius Georgescu, Carolina Cojocariu, Eugen Sisu, Mihai Cosmin Pascariu, MALDI MS – based sialylation profile in human brain metastasis, The Academic Days of Arad, XXXIII-rd Edition, 23-27 mai 2023, Arad (România), p. 198, ISBN 978-973-664-938-7
(https://www.zileleacademicearadene.ro/docs/ebook_ZAA_2023.pdf)
- 14.Carolina Cojocariu Hoge, **Alina Serb**, Ramona Novaconi, Marius Georgescu, Eugen Sisu, Nicolae Dinca, Flaviu-Calin Lădașiu Ciolacu, Mihai Cosmin Pascariu, Polysaccharides modified at the reducing end: synthesis and characterization, The Academic Days of Arad, ediția a XXXII-a, 25-29 mai 2022, Arad (România), p. 196, ISBN 978-973-664-920-2, (http://www.zileleacademicearadene.ro/wp-content/uploads/zaa2022_eisbn.pdf)

Abstracts of papers presented at national conferences:

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