



GEORGESCU MARIUS

Curriculum vitae

Informations personnelles

Nom/Prenom Georgescu Marius

Education

2009-2012 Doctorant en physiologie, Université de médecine et de pharmacie, Craiova, Roumanie, directeur de thèse : Prof. Maria Iancau

2002-2008 Faculté de médecine générale, Université de médecine et de pharmacie, Craiova, Roumanie

1998-2002 Collège national Carol I, Craiova, Roumanie, section mathématiques-informatique, anglais intensif

Expérience professionnelle

2020-present Médecin spécialiste en médecine de laboratoire, Hôpital clinique CF Timisoara, Département de biologie moléculaire

2021-present Chef de travaux, discipline Physiologie, UMF « Victor Babes » Timisoara

2014-2021 Assistant universitaire, discipline Physiologie, UMF « Victor Babes » Timisoara

2008-2012 Médecin résident, médecine familiale, Hôpital clinique départemental d'urgence n° 1 Craiova

2017 Médecin spécialiste, médecine de laboratoire (biochimie, hématologie, microbiologie, virologie, immunologie, parasitologie, mycologie), superviseur prof. dr. Roxana Moldovan

Activité didactique

Livres et chapitres dans des livres

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

**Activité scientifique -
subventions**

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 si moleculari ai micromediului asupra toleranței imune in cursul terapiei antiinflamatoare si/sau antitumorale”, Director Proiect Prof. Dr. Carmen Ardeleanu, membru al echipei P3

**Activité scientifique - articles
ISI (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/app1317530>, (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, Hădade 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)

Activité scientifique - articles **ISI (résumé)**

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.Iancău, *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

Activité scientifique - articles
BDI (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**,

Iancu 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

Activité scientifique - articles B (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

Activité scientifique - articles C (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

Travaux présentés lors de manifestations scientifiques

51 travaux présentés lors de manifestations scientifiques nationales et internationales (annexe 1)

Indice de Hirsch 2026

h-index= 7 (Web of Science)

ORCID iD : 0000-0003-4348-5063

Web of Science ResearcherID: GCB-4465-2022

SciProfiles:1949509

Affiliations

Société roumaine des sciences physiologiques affiliée à la FEPS et à l'IUPS

Récompenses

2023 - 1 article ISI récompensé par l'UEFISCDI dans le cadre du sous-programme Récompense des résultats de recherche – Articles

Éditeur Réviseur

Physiologie – Physiology (BDI), Current Health Sciences Journal (BDI, PUBMED)
Revue Physiologie – Physiology (BDI)

Aptitudes et compétences personnelles

Langue maternelle roumain

Langues étrangères connues

Anglais

Français

Compréhension				Expression orale				Expression écrit	
Compétences d'écoute		Compétences de lecture		Interaction		Expression			
C2	compétent	C2	compétent	C2	compétent	C2	compétent	C2	compétent
B1	indépendant	B1	indépendant	B1	indépendant	B1	indépendant	B1	indépendant

Compétences et aptitudes sociales

Personne organisée, bonnes capacités d'observation synthétique et globale de situations concrètes, capacité à travailler, à résoudre des problèmes, responsable, respectueux, sûr de soi, capable d'établir et d'entretenir de bonnes relations de collégialité avec des personnes d'origines culturelles et nationales diverses

Compétences et aptitudes techniques

Électroencéphalographie, potentiels évoqués visuels
Utilisation de la technique PCR
Utilisation de techniques microbiologiques, immunologiques, hématologiques

Compétences et aptitudes informatiques

Tous les systèmes d'exploitation Windows, MS Office (Word, Excel, Power-Point, Access), Adobe Acrobat, tous les navigateurs Internet, diverses compétences en matière d'utilisation de logiciels, compétences moyennes en matière de matériel informatique

Permis de conduire

Catégorie B

Annexe 1: Travaux présentés lors de manifestations scientifiques

Résumé des travaux présentés lors de conférences internationales :

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 wavelenghts 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 Cromatic 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

Travaux résumés dans le cadre de conférences nationales avec participation internationale :

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 spitalului 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)

Travaux résumés dans le cadre de conférences nationales :

1. D. Alexandru, M. Tărăță, D. Georgescu, M. Șerbănescu, **M. Georgescu**, M. Iancău, On Retinal Information Transmission Modelling, , ROMEDINF 2010 - the 31st National Conference on Medical Informatics, Arad, 18-20 noiembrie 2010, In: Solution-based Medical Informatics, Solution-Based Medical Informatics - Proceedings of the 31-st Romanian National Conference on Medical Informatics, Ed. Univ. "Vasile Goldis", Arad ISBN 978-973-664-436-8, Ed. Victor Babes, Timisoara 2010, ISBN 978-606-8054-14-8, pag 203-206
2. M. Iancău, D. Georgescu, P. Badea, S. Ramboiu, C. Rosoiu, C. Voican, D. Enescu-Bieru, **M. Georgescu**, V. Nestianu; Studiul modificarilor electroretinogramei si potentialelor evocate vizuale la stimulare color, the XIXth National Conference of the Romanian Society of Physiological Sciences, Constanta, Romania, 29-31 Mai, 2003
3. M. Iancău, D. Georgescu, P. Badea, D. Enescu-Bieru, S. Ramboiu, L. Doinoiu, C. Rosoiu, **M. Georgescu**, V. Nestianu, Studiul evolutiei latentelor undelor potentialelor evocate vizuale (PEV) in scleroza multipla, Primul simpozion al Societatii Nationale de Neurostiinte, Bucuresti, Romania, 8-10 octombrie, 2004
4. M. Iancău, D. Georgescu, C.A. Dogaru, P. Badea, B. Catalin, B.A. Balanescu, M. Ciorbagiu, D. Cioroianu, F. Vreju, S. Mican, D. Enescu-Bieru, **M. Georgescu**, V. Nestianu; Explorarea electroneurofiziologica a copilului cu convulsii, the XXIth National Conference SRSF, Oradea, Baile Felix, Romania, 11-13 Mai 2006
5. M. Iancău, D. Georgescu, B.A. Balanescu, B. Catalin, M. Ciorbagiu, D. Enescu-Bieru, F. Vreju, S. Mitran, **M. Georgescu**, V. Nestianu, Studiul vederii in culori prin teste electrofiziologice, Days of UMF Craiova, the XXXVIth ed, Romania, 9-10 Iunie 2006
6. D. Georgescu, M. Iancău, **M. Georgescu**, F. Romanescu, B. Catalin, V. Nestianu, Determining the optimum number of recorded sweeps, in noise extraction through averaging method, MEDINF 2007 (29th International Conference of the Romanian Medical Informatics Society), , Sibiu, Romania, 8-11 noiembrie 2007
7. D. Enescu-Bieru, B. Catalin, F. Romanescu, D. Georgescu, S. Gusti, V. Sfredel, B. Stoleru, **M. Georgescu**, V. Nestianu, G. Cosma, C. Fortan, C. Popescu, M. Iancău –A Study on Neurophysiological Test Parameters For Sportsmen, The 10th Congress of the Romanian Society of Physiological Sciences, Cluj, Romania, 5-7 Iunie 2008
8. M. Iancău, D. Georgescu, B. Catalin, D. Alexandru, **M. Georgescu**, F. Romanescu, V. Sfredel, A. Balseanu, S. Mitran, D. Enescu-Bieru, V. Nestianu – Electrophysiological Aspects of the Perception of Luminous Stimuli of Different Wavelengths, the 10th Congress of the Romanian Society of Physiological Sciences, Cluj, Romania, 5-7 Iunie 2008
9. Georgescu D., Iancău Maria, Nestianu A., **M. Georgescu** Catalin B., Nestianu V., Study for Optimizing Values far Latency and Amplitude of Visual Evoked Potentials, National Conference of Clinical Neurophysiology, Bucharest, Romania, 26th-27th of September 2009, Book of abstracts, pag.24
10. D. Enescu-Bieru, B. Catalin, D. Georgescu, **M. Georgescu**, D. Alexandru, I. Streata, N. Nestianu, M. Iancău, Comparative Study of Compound Muscle Action Potential and Motor Nerve Velocity Between Profesional Sportsmen, National Conference of Clinical Neurophysiology, Bucharest, Romania, 26th-27th of September 2009, Book of abstracts, pag.25
11. M. Iancău, D. Georgescu, B. Catalin, M. Bistriceanu, M. Popescu, C. Lichiardopol-Raducanu, **M. Georgescu**, D. Alexandru, V. Nestianu, Visual Evoked Potentials, a Useful Tool in Detecting and Tracking the Evolution of Pituitary Adenomas, the XVIth National Symposium of Psychoneuroendocrinology, Poiana Brasov, Romania, 27th-29th of May 2010;
12. M. Iancău, B. Catalin, D. Enescu-Bieru, D. Georgescu, **M. Georgescu**, G. Cosma, V. Sfredel, V. Nestianu, A Comparative Study of Compound Muscle Action Potential for Professional Sportsmen, the 24th National Conference of the Romanian Society of Physiological Sciences, Oradea, Baile Felix, Romania, 2nd -5th of June 2010, *Fiziologia – Physiology* supplement, 44, 2010

13. B. Catalin, D.Enescu-Bieru, **M. Georgescu**, G. Cosma, Georgescu D., V. Sfredel, V. Nestianu, M. Iancau, Analyzing the Efficiency of Motric Training through EEG Mapping, 24th National Conference of the Romanian Society of Physiological Sciences, Oradea, Baile Felix, Romania, 2nd-5th of June, 2010, *Fiziologia – Physiology* supplement, 44, 2010
14. D. Georgescu, A. Nestianu, M. Iancau, **M.Georgescu**, B. Catalin, V. Nestianu, The evolution of the installation of habituation for visual evoked potentials analyzed stimulation by stimulation, 24th National Conference of the Romanian Society of Physiological Sciences, Oradea, Baile Felix, Romania, 2nd-5th of June, 2010, *Fiziologia – Physiology* supplement, 45, 2010
15. C.Bogdan, D. Enescu Bieru, F.M. Romanescu, **M. Georgescu**, V. Sfredel, M. Iancau, The importance of testing through EEG spectral analysis in profesional sports, The 11th national congress of the romanian society of physiological sciences, 10-12 mai 2012, *Fiziologia – Physiology* supplement , 36, 2012
16. **M. Georgescu**, A.F.Serb, D.Georgescu, C.Bogdan, V. Sfredel, D. Enescu Bieru, M. Iancau, Modifications on the Electroencephalogram in Case of Continuous Sound Stimulation, The 11th national congress of the romanian society of physiological sciences, 10-12 mai 2012, *Fiziologia – Physiology* supplement , 44, 2012
17. **M. Georgescu**, M. Iancau, D. Georgescu , The influence of music on human brain electrical activity, Zilele U.M.F. Craiova a XLVI-A Ediție, Simpozion Physiology: From Observation To Molecular Mechanism, 3-4 Iunie 2016
18. D. Georgescu, **M. Georgescu**, Georgescu A.F., M. Tarata, D. Alexandru, M. Iancau, A mathematical model of eeg spectrum under monotonous sound stimulation, Zilele U.M.F. Craiova a XLVI-A Ediție, Simpozion Physiology: From Observation To Molecular Mechanism, 3-4 Iunie 2016
19. **Marius Georgescu** et al., Evaluarea impactului alergiei la polenul de ambrozia și acarienii din praful de casă asupra reactivității traheo-bronșice pe model animal, Al XIII-lea Congres al Societății Române de Fiziologie, 19-21 octombrie 2023, Targu Mures
20. Zimbru R.I., **Georgescu M.**, Zimbru E.L., Haidar L., Tănasie G., In vitro modulation of bronchial responsiveness, Al XIV-lea Congres al Societății Române de Fiziologie, 17-19 octombrie 2024, Cluj-Napoca