

Curriculum Vitae

Personal information **Denisa Marilena Margina**

Work experience

Professor, PhD Habil, Head of the Department of Biochemistry, Carol Davila University of Medicine and Pharmacy, Faculty of Pharmacy, Bucharest – 2016 - present

Teaching and research activity at "Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy, Romania 2001 – present

Assessor for the Department of Quality at the National Agency for Medicines and Medical Devices Romania, Bucharest – 2008 – present

Education and training

Habilitation for PhD advisor in Medical Sciences, Pharmacy, February 2014, (Order of the Minister of National Education No 166 / 07.04.2014)

PostDoctoral studies (entitled *Studies regarding the effect of some polyphenolic compounds on the cellular mechanisms involved in the development of cardio-vascular complications of chronic hyperglycemia*), financed by CNCISIS (The National Council for Scientific Research), after national competition, 2010-2012

1 Month training stage , at Inserm U694 Laboratory, Angers, Franța, under the coordination of Dr Sebastien Faure, 2011

" Emerging Innovative Technologies in Forensic and Clinical Toxicology", Continuing Educational Course, Rodos, Greece; Oct 2008

Primary Pharmacist, Clinical Pharmacy, September 2008, (following national examination)

„DL-101 General Course on Intellectual Property” , organized by The World Intellectual Property Organization, February 2008

FEBS Advanced Theoretical and Practical Course - RECOMBINANT DNA TECHNOLOGY&PROTEIN EXPRESSION, Bucharest, September 2007

2 weeks Training stage at Istituto di Fotonica e Nanotecnologie del CNR (CNR-IFN), Rome, Italy and ENEA Centro Ricerche Casaccia, Rome Italy., July 2007

"From Cellular and Molecular Biology to the XXIst century's medicine" – International postgraduate course organized by The "N. Simionescu" National Institute for Cellular Biology and Pathology, Excellence Center of the European Community, October 2006

PhD thesis „ Studies regarding the biochemical and immunological implications in endothelial dysfunction” , scientific advisor Professor Nicolina Mitea, December 2006

Carol Davila University of Medicine and Pharmacy, Faculty of Pharmacy, 1993-1998

Additional information

Publications

Authors for monographs

- **Biochemistry of the Adipose Tissue, Vol I, Orexigenic Biomolecules**, Margina D, Editura Printech, 2015, ISBN 978-606-23-0507-9, ISBN 978-606-23-0507-6
- **Biochemistry of the Adipose Tissue, Vol II, Anorexigenic Biomolecules**, Margina D, Editura Printech, 2015, ISBN 978-606-23-0507-9, ISBN 978-606-23-0507-3,

Authors for chapters in books published by internationally recognized publishers:

- Zanfirescu A, Ungurianu A and **Margina** D Monosodium glutamate (MSG), în cartea Encyclopedia of

Toxicology Reference Work, Fourth Edition, **2023** Elsevier, Editor-in-Chief: Philip J. Wexler Pages 509-515, ISBN 978-0-323-85434-4, DOI: 10.1016/B978-0-12-824315-2.01160-X

- **Margină D**, Purdel C. - *Saccharomyces cerevisiae* strain Boulard, în cartea Encyclopedia of Toxicology Reference Work, Fourth Edition, **2023** Elsevier, Editor-in-Chief: Philip J. Wexler Pages 381-388, ISBN 978-0-323-85434-4, doi.org/10.1016/B978-0-12-824315-2.00089-0
- **Margină D**, Ungurianu A., Dietary sugar intake: Public health perspective, in cartea în cartea Encyclopedia of Toxicology Reference Work, Fourth Edition, **2023** Elsevier, Editor-in-Chief: Philip J. Wexler pag 711-718, ISBN 978-0-323-85434-4, DOI: 10.1016/B978-0-12-824315-2.00071-3.
- **Margină D**, Ungurianu A., Purdel C., Nitulescu G.M., Natural Remedies for a Healthy Heart: The Evidence-Based Beneficial Effects of Polyphenols In book: Plant Secondary Metabolites Editori: Sharma A.K., Sharma A. Springer, Singapore pag 141-190, DOI:10.1007/978-981-16-4779-6_6, January **2022**
- Nitulescu G.M., Nitulescu G., Olaru O.T., Ungurianu A., **Margină D**, Chapter 7 - "Predictive in silico toxicology." An update on modern approaches and a critical analysis of its strong and weak points, in Toxicological Risk Assessment and Multi-System Health Impacts from Exposure, Editor: Aristidis M. Tsatsakis, Academic Press, **2021**, Pages 75-83, ISBN 9780323852159, doi: 10.1016/B978-0-323-85215-9.00029-5
- **Margină D**, Ungurianu A., Purdel C., Nitulescu G., Nitulescu G.M., Chapter 33 - Polyphenols: the hallmark of endothelial dysfunction combatants, in Toxicological Risk Assessment and Multi-System Health Impacts from Exposure, Editor: Aristidis M. Tsatsakis, Academic Press, **2021**, Pages 389-402, ISBN 9780323852159, doi: 10.1016/B978-0-323-85215-9.00040-4.
- Ungurianu A., Nitulescu G.M., **Margină D**, Chapter 35 - Hydrogen sulfide: a shifting paradigm in Toxicological Risk Assessment and Multi-System Health Impacts from Exposure, Editor: Aristidis M. Tsatsakis, Academic Press, **2021**, Pages 415-426, ISBN 9780323852159, doi: 10.1016/B978-0-323-85215-9.00018-0.
- Negreș S, Chiriță C, Arsene AL, **Margină D**, Moroșan E, Zbârcea C, Chapter 13 New Potential Beta-3 Adrenergic Agonists with Beta-Phenylethylamine Structure, Synthesized for the Treatment of Dyslipidemia and Obesity - in "Adiposity - Epidemiology and Treatment Modalities", ISBN 978-953-51-2996-7, Print ISBN 978-953-51-2995-0, Published: March 15, **2017**, book edited by Jan Oxholm Gordeladze
- Purdel NC, Ilie M, **Margină D**, Chapter 9 The involvement of environmental endocrine-disrupting chemicals in type 2 diabetes mellitus development - in "Type 2 Diabetes", ISBN 978-953-51-4125-9. InTechOpen, pag 219-250, **2015**, Book Editor Prof Colleen Croniger
- Ilie M. și **Margină D** Trends in the evaluation of lipid peroxidation processes - în Lipid Peroxidation, Angel Catala (Ed.), InTechOpen, **2012** ISBN: 978-953-51-0716-3, Chapter 5, pp. 111-130, <http://www.intechopen.com/books/lipid-peroxidation/trends-in-the-evaluation-of-lipid-peroxidation-processes>. DOI: 10.5772/46075, 2012
- **Margină D**, Inflammatory markers associated with chronic hyperglycemia and insulin resistance - în volumul "Type 2 Diabetes / Book 4", editor: Coleen Croniger, ISBN 978-953-307-598-3, publicat de InTech Open, **2011**, DOI: 10.5772/1543, pag 89-114, <http://www.intechopen.com/articles/show/title/inflammatory-markers-associated-with-chronic-hyperglycemia-and-insulin-resistance>

Patents

- Patent G01N 30/02 (2006/02) "Procedure for the identification and determination by HPLC of Ieflunomide in patients' blood", authors Negrei Carolina, Baconi Daniela, **Margină Denisa**, Bălănescu Andra, Bergheta Florian, Ilie Mihaela, Manda Gina, published in RO-BOPI 5/2013, 30.05.2013
 - **Patent RO nr. A2013/01005**. Standardized extracts from Fallopia convolvulus și Fallopia aubertii - procedure for obtaining an therapeutic effects, authors: Olaru O T, Șeremet O C, **Margină D**, Nițulescu G M, Ilie M, Grigore A E, Negreș S, Velescu B Ș, Apostol T V, Istudor V.
- **ISI Thomson Reuters indexed articles (WOS h index=24)**

1. Drăgoi CM, Nicolae AC, Ungurianu A, **Margină DM**, Grădinaru D, Dumitrescu B - Circadian Rhythms, Chrononutrition, Physical Training, and Redox Homeostasis—Molecular Mechanisms in Human Health, Cells 2024, 13, 138. <https://doi.org/10.3390/cells13020138>

2. Dima Adam I, Balas M., Atanasescu M., Purdel C., Margină D, Synthesis of homogeneous spherical selenium nanoparticles through a chemical method for cancer therapy applications, Toxicology in Vitro, IF 3,2, Q2, <https://doi.org/10.1016/j.tiv.2023.105765>

3. Purdel C, Margină D (corresponding author), Adam-Dima I and Ungurianu A -The Beneficial Effects of Dietary Interventions on Gut Microbiota—An Up-to-Date Critical Review and Future Perspectives, Nutrients 2023, 15, 5005. <https://doi.org/10.3390/nu15235005>, Q1, IF 5,9 (2022)

4. Andrei C, Mihai DP, Nitulescu G, Ungurianu A, Margină DM, Nitulescu GM, Olaru OT, Busca RM, Zandfirescu A, Cetirizine and Levetiracetam as Inhibitors of Monoacylglycerol Lipase: Investigating Their Repurposing Potential as Novel Osteoarthritic Pain Therapies, Pharmaceuticals, 2023; 16(11):1563, 2022 IF: 4.6, Q1 Pharmacology and Pharmacy, doi: 10.3390/ph16111563

5. Margină D., Drăgoi C - Intermittent Fasting on Human Health and Disease (editorial), *Nutrients* 2023, 15(21), 4491; <https://doi.org/10.3390/nu15214491> (registering DOI), IF 5,9

6. Ungurianu A., Zandirescu A., **Margină D.**, Sirtuins, resveratrol and the intertwining cellular pathways connecting them, *Ageing Research Reviews*, Volume 88, 2023, 101936, ISSN 1568-1637, doi: 10.1016/j.arr.2023.101936 (2022 IF: 13,1, Q1: Cell Biology, Geriatrics & Gerontology)
7. Purdel C., Ungurianu A., Adam-Dima I., **Margină D.** - Exploring the potential impact of probiotic use on drug metabolism and efficacy, *Biomedicine & Pharmacotherapy* Volume 161, May 2023, <https://doi.org/10.1016/j.biopha.2023.114468>, 114468, IF 7,5 (Q1)
8. Babaeimarzangoub S.S., Zaker H., Soleimannezhadbari E., Gamchi N.S., Kazemina M., Tarighi S., Seyedian H., Tsatsakis A., Spandidos D.A., **Margină D.** - Vaccine development for zoonotic viral diseases caused by positive-sense single-stranded RNA viruses belonging to the Coronaviridae and Togaviridae families (Review), November 30, 2022 <https://doi.org/10.3892/etm.2022.11741>, *Experimental and Therapeutic Medicine*, Volume 25 Issue1 Article Number 42, DOI10.3892/etm.2022.11741, Published JAN 2023 IF 2,7
9. Avci S, Gunaydin S, Ari NZ, Karaca E, Erol Polat O, Gecili I, Yeni Y, Yilmaz A, Genc S, Hacimuftuoglu A, Yildirim S, Yasser Mokresh M, Gul Findik D, Tsatsakis A, **Margină D.**, Tsarouhas K, Wallace DR, Taghizadehghalehjoughi A Cerebrolysin Alleviating Effect on Glutamate-Mediated Neuroinflammation via Glutamate Transporters and Oxidative Stress, *Journal of Molecular Neuroscience*, DOI10.1007/s12031-022-02078-8, Volume 72, Issue11, Page 2292-2302 DOI10.1007/s12031-022-02078-8, Published NOV 2022 Early Access NOV 2022, IF 3,1
10. Celebi, D. ; Taghizadehghalehjoughi, A; Baser, S; Genc, S; Yilmaz, A; Yeni, Y; Yesilyurt, F; Yildirim, S; Bolat, I; Kordali, S; Yilmaz, F; Hacimuftuoglu, A; Celebi, O; **Margină D.**; Nitulescu, GM; Spandidos, DAA; Tsatsakis, A - Effects of boric acid and potassium metaborate on cytokine levels and redox stress parameters in a wound model infected with methicillin-resistant *Staphylococcus aureus*, *Molecular Medicine Reports* Volume26 Issue3 Article Number294 DOI10.3892/mmr.2022.12809 Published SEP 2022, IF 3,4
11. Ungurianu, A; Zandirescu, A; **Margină D.** - Regulation of Gene Expression through Food-Curcumin as a Sirtuin Activity Modulator, *Plants*, Volume11, Issue13, Article Number1741, DOI10.3390/plants11131741, Published JUL 2022, IF 4,5
12. Ungurianu A., Zandirescu A., Grădinaru D., Ionescu-Tîrgoviște C., *Dănculescu Miulescu R.*, **Margină D.** - Interleukins and redox impairment in type 2 diabetes mellitus: mini-review and pilot study, *Current Medical Research and Opinion (ICMO)*, 2022, IF 2,3 (Q2) article ID: ICMO 2033049, <https://doi.org/10.1080/03007995.2022.2033049>
13. Purdel C., Ungurianu A., **Margină D.**, Metabolic and Metabolomic Insights Regarding the Omega-3 PUFAs Intake in Type 1 Diabetes Mellitus, *Frontiers in Molecular Biosciences*, 2021, 8, 1228, eISSN: 2296-889X, doi: 10.3389/fmolb.2021.783065 (2020 IF: 6,113; AIS - Q1: Biochemistry & Molecular Biology, IF - Q2: Biochemistry & Molecular Biology)
14. Volynets G., Vyshniakova H., Nitulescu G., Nitulescu G.M., Ungurianu A., **Margină D.**, Moshynets O., Bdzholova V., Koleiev I., Iungin O., Tarnavskiy S., Yarmoluk S., Identification of Novel Antistaphylococcal Hit Compounds Targeting Sortase A, *Molecules*, 2021, 26, 7095, ISSN: 1420-3049 (Online), doi: 10.3390/molecules26237095 IF: 4.927, Q2: Biochemistry & Molecular Biology)
15. Grădinaru D., Ungurianu A., **Margină D.**, Nitulescu G., Pena CM., Ionescu-Tîrgoviște C., *Dănculescu Miulescu R - Zinc status, insulin resistance and glycoxidative stress in elderly subjects with type 2 diabetes mellitus*, *Experimental and Therapeutic Medicine*, <https://doi.org/10.3892/etm.2021.10829>, December-2021 Volume 22 Issue 6, Print ISSN: 1792-0981, Online ISSN:1792-1015, Impact Factor: 2.751
16. Sevim C., Ozkaraca M., Kara M., Ulas N., Mendil A.S., **Margină D.**, Tsatsakis A., Apoptosis is induced by sub-acute exposure to 3-MCPD and glycidol on Wistar Albino rat brain cells, *Environmental Toxicology and Pharmacology*, 87, 2021, doi: 10.1016/j.etap.2021.103735. impact factor 4,952
17. Grădinaru D., Ungurianu A., **Margină D.**, Moreno-Villanueva M, Bürkle A. - Procaine—The Controversial Geroprotector Candidate: New Insights Regarding Its Molecular and Cellular Effects, *Oxidative Medicine and Cellular Longevity* Volume 2021, Article ID 3617042, <https://doi.org/10.1155/2021/3617042>, IF 7,31,
18. Nitulescu G, **Margină D.**, Zandirescu A, Olaru OT, Nitulescu GM - Targeting Bacterial Sortases in Search of Anti-Virulence Therapies with Low Risk of Resistance Development, *Pharmaceuticals* 2021, 14, 415.<https://doi.org/10.3390/ph14050415>, 2019 IF 4,286 Q1 Pharmacology and Pharmacy
19. Ungurianu A., Zandirescu A., Nitulescu G., **Margină D. (corresponding author)**, Vitamin E Beyond Its Antioxidant Label, *Antioxidants*. 2021; 10(5):634, doi: 10.3390/antiox10050634 (2019 IF: 6,312, Q1 Biochemistry & Molecular Biology, Q1 Chemistry, Medicinal, Q1 Food Science and Technology)
20. **Margină D.**, Ungurianu A., Purdel C, Nitulescu GM, Tsoukalas D, Sarandi E, Thanasoula M, Burykina TI, Tekos F, Buha A, Nikitovic D, Kouretas D, Tsatsakis AM, Analysis of the Intricate Effects of Polyunsaturated Fatty Acids and Polyphenols on Inflammatory Pathways in Health and Disease *Food Chem Toxicol* 2020 Jul 5;111558. doi: 10.1016/j.fct.2020.111558. Online ahead of print, Volume: 143 Article Number: 111558 Published: SEP 2020 IF 4.679
21. **Margină D.**, Ungurianu A. (corresponding author), Purdel C., Tsoukalas D., Sarandi E., Thanasoula M., Tekos F., Mesnage R., Kouretas D., Tsatsakis A., Chronic Inflammation in the Context of Everyday Life: Dietary Changes as Mitigating Factors, *Int. J. Environ. Res. Public Health*, 2020, 17(11):4135, ISSN 1660-4601, doi: 10.3390/ijerph17114135, IF: 2.849, Q1 (SSCI) / Q2 (SCIE) Public, Environmental & Occupational Health)
22. Petrakis D, **Margină D*** (corresponding author), Tsarouhas K, Tekos F., Stan M., Nikitovic D., Kouretas D., Spandidos D.A., Tsatsakis A - Obesity a risk factor for increased COVID 19 prevalence, severity and lethality, *Molecular Medicine Reports* 22: 9-19, 2020, DOI: 10.3892/mmr.2020.11127, IF 2,1
23. Ungurianu A., **Margină D.**, Borsa C, Ionescu C., Von Scheven G., Ozio L.I, Faure P., Artur Y., Burkle A., Grădinaru D., and Moreno Villanueva M. - Radioprotective Effect of Procaine and Procaine-Derived Product Gerovital H3 in Lymphocytes from Young and Aged Individuals, *Oxidative Medicine and Cellular Longevity*, Volume 2020, Article ID 3580934, 10 pages, <https://doi.org/10.1155/2020/3580934> ISSN: 1942-0900, eISSN: 1942-0994, IF: 5.076, Q2 Cell Biology
24. Ungurianu A., Șeremet O., Gagniuc E., Olaru O.T., Guțu C., Grădinaru D., Ionescu-Tîrgoviște C., **Margină D.** (corresponding author), *Dănculescu-Miulescu R.*, Preclinical and clinical results regarding the effects of a plant-based antidiabetic formulation versus well established antidiabetic molecules, *Pharmacological Research* Volume 150, December 2019, 104522, <https://doi.org/10.1016/j.phrs.2019.104522>, Impact factor 5.574, ISSN: 1043-6618
25. Musat, MG; Nitulescu, GM; Surleac, M; Tsatsakis,; Spandidos, DA; **Margină D** 1 HIV-1 integrase inhibitors targeting various DDE transposases: Retroviral integration versus RAG-mediated recombination *MOLECULAR MEDICINE REPORTS* Volume: 20 Issue: 6 Pages: 4749-4762 DOI: 10.3892/mmr.2019.10777 Impact factor 1,851 Published: DEC 2019
26. Nitulescu G, *Dragoș Mihai Paul, Nicorescu IM, Olaru OT, Ungurianu A, Zandirescu A, Nițulescu MG, Margină D* - Discovery of Natural Naphthoquinones as Sortase A Inhibitors and Potential Anti-infective Solutions against *Staphylococcus Aureus*, *Drug Development and Research*, 2019;80:1136-1145 DOI: 10.1002/ddr.21599, ISSN 10982299, Impact factor:1.742, Online ISSN:1098-2299
27. Olaru O.T., Zandirescu A., Nitulescu Gm, Nitulescu G., Dinu-Pirvu C.E., Anuta V., Tsatsakis A., Spandidos D.A., **Margină D.**, Șeremet O, Predictive power of the Triticum root elongation test for the assessment of novel anti-proliferative therapies, *International Journal of Molecular Medicine*, 44: 16-24, 2019 Impact factor 2,928, Print ISSN: 1107-3756 Online ISSN: 1791-244X

28. Farhood, HB; Balas, M; Gradinaru, D; **Margina, D**; Dinischiotu, A, Effects of chlorogenic acid on the liver cell metabolism under high glucose conditions ROMANIAN BIOTECHNOLOGICAL LETTERS Volume: 24 Issue: 5 Pages: 883-892 DOI: 10.25083/rb/24.5/883.892 Published: SEP-OCT 2019 IF 0,590, scor relativ de influență 0,160, ISSN: 1224-5984 (Print) ISSN: 2248-3942 (Electronic)
29. Farhood Hb, Balas M, Gradinaru D, **Margina D**, Dinischiotu A -Hepatoprotective effects of chlorogenic acid under hyperglycemic conditions, Rom Biotechnol Lett. 2019; 24(2): 301-307 doi: 10.25083/rb/24.2/301.307, IF 0,590, scor relativ de influență 0,160, ISSN: 1224-5984 (Print) ISSN: 2248-3942 (Electronic)
30. Lee H.J., Spandidos DA, Tsatsakis A.M., **Margina D**, Izotov B.N. Yang S.H. - Neuroprotective effects of Scrophularia buergeriana extract against glutamate-induced toxicity in SH-SY5Y cells, INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, Volume: 43 Issue: 5 Pages: 2144-2152 Published: MAY 2019, DOI: 10.3892/ijmm.2019.4139 Print ISSN: 1107-3756 Online ISSN: 1791-244X, Impact Factor: 2.784
31. Zăfirescu A, Ungurianu A, Tsatsakis A.M., Nițulescu G.M., Kouretas D., Veskokakis A, Tsoukalas D, Engin A.B., Aschner M., **Margina D**. A review of the alleged health hazards of monosodium glutamate, Comprehensive Reviews in Food Science and Food Safety, Online ISSN:1541-4337, Volume: 18 Issue: 4 Pages: 1111-1134, Published: JUL 2019 DOI:10.1111/1541-4337.12448, IF:8,738,
32. Ungurianu A, Șeremet O, Grădinaru D, Ionescu-Tîrgoviste C, **Margina D**, (corresponding author), Dănculescu Miulescu R. Spectrophotometric versus spectrofluorometric assessment in the study of the relationships between lipid peroxidation and metabolic dysregulation. Chem Biol Drug Des. 2019; 93:1026–1035. <https://doi.org/10.1111/cbdd.13474>, Online ISSN:1747-0285 IF 2,34
33. Nitulescu G.M., Van De Venter M., Nitulescu G, Ungurianu A, Juzenas P, Peng Q, Oлару Ot, Grădinaru D, Tsatsakis A, Tsoukalas D, Spandidos Da, **Margina D**. - The Akt pathway in oncology therapy and beyond, INTERNATIONAL JOURNAL OF ONCOLOGY 53: 2319-2331, 2018
34. Grădinaru D., Khaddour H., **Margina D**., Ungurianu A., Borșa C., Ionescu C., Prada GI., Usher J., Elshimali Y. – Insulin-leptin axis, cardio-metabolic risk and oxidative stress in elderly with metabolic syndrome, DOI.org/10.1055/s-0043-123825, Exp Clin Endocrinology Diabetes, 2018, Volume: 126 Issue: 7 Pages: 445-452 Published: JUL 2018, ISSN 0947-7349 10.1055/s-0043-123825, Impact Factor 1,685,
35. Borsă C, Grădinaru D, **Margina D**, Prada GI, Pena C - Receptor of advanced glycation end products and cardiovascular risk in elderly with type 2 diabetes mellitus, DOI: <https://doi.org/10.4081/ibr.2017.6462>, Journal of Biological Research, Volume: 90, Issue: 2, Pages: 81-86, eISSN 2284-0230 pISSN 1826-8838 Vol 90, No 2 (2017)
36. Șeremet OC, Oлару OT, Gutu M, Nitulescu GM, Ilie M, Negres S, Zbarcea CE, Purdel CN, Spandidos DA, Tsatsakis AM, Coleman MD And **Margina DM** - Toxicity of plant extracts containing pyrrolizidine alkaloids using alternative invertebrate models, MOLECULAR MEDICINE REPORTS, 17: 7757-7763, 2018, DOI: 10.3892/mmr.2018.8795, Print ISSN: 1791-2997 Online ISSN: 1791-3004 2016 Impact Factor: 1.692,
37. Costa C, Tsatsakis A, Mamoulakis C, Teodoro M, Briguglio G, Caruso E, Tsoukalas D, **Margina D**, Dardiotis E, Kouretas D, Fenga C, Current evidence on the effect of dietary polyphenols intake on chronic diseases, Food and Chemical Toxicology, 2017, 2017 Dec;110:286-299. DOI: 10.1016/j.fct.2017.10.023, ISSN: 0278-6915, IF 3,778,
38. Nitulescu G., Nicorescu I.M., Oлару O.T., Ungurianu A., Mihai D.P., Zăfirescu A., Nitulescu G.M., Margina D. - Molecular Docking and Screening Studies of New Natural Sortase A Inhibitors, Molecules, **2017**, 18, 2217; doi:10.3390/ijms18102217, ISSN 1420-3049, IF 2,861,
39. Grădinaru D; **Margina D**, Borsă C, Ionescu C, Ilie, M; Costache M., Dinischiotu A., Prada GI - Adiponectin: possible link between metabolic stress and oxidative stress in the elderly, Aging Clinical and Experimental Research, e-ISSN 1720-8319, ISSN 1594-0667, DOI 10.1007/s40520-016-0629-z, Volume: 29 Issue: 4 Pages: 621-629 Published: AUG 2017, impact factor 1,368,
40. Ungurianu A; **Margina D**.* (corresponding author); Bacanu C, Grădinaru D.; Ilie M; Dănculescu Miulescu R.; Constantin L. - Adiponectin tissue level -state of the art marker of cardiovascular risk in obese patients Interdiab 2017: diabetes mellitus in internal medicine Book Series: International Conference on Interdisciplinary Management of Diabetes Mellitus and its Complications Pages: 341-349 Published: 2017
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42. Ungurianu A., **Margina D**.* (corresponding author), Grădinaru D., Bacanu C., Ilie M., Tsitsimpikou C, Tsarouhas K, Spandidos D., Tsatsakis AM, Lipoprotein redox status evaluation as a marker of cardiovascular disease risk in patients with inflammatory disease, Molecular Medicine Reports, 15: 256-262, 2017, DOI: 10.3892/mmr.2016.5972, impact factor 1,559,
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44. Negreș S., Zăfirescu A., Ionică F.E., Moroșan E., Velescu B., Șeremet O.C., Zbârcea C.E., Ștefănescu E., Militaru M., Arsene A., **Margina D.M.**, Uncu L., Scutari C., Chiriță C. - Pharmacotoxicological screening on new derivatives of beta-phenylethylamine, potential agonists of beta3-adrenergic receptors, Rom J Morphol Embryol 2016, 57(3):969–978, ISSN (print) 1220–0522, ISSN (online) 2066–8279, Impact Factor: 0.811,
45. Nitulescu G, Zăfirescu A, Oлару OT, Nicorescu IM, Nitulescu GM, **Margina D** - Structural Analysis of Sortase A Inhibitors, Molecules 2016, 21, 1591; doi:10.3390/molecules21111591, impact factor 2.465,
46. Nitulescu GM., **Margina D. (autor corespondent)**, Juzenas P., Peng Q., Oлару OT., Saloustrous E., Fenga C., Spandidos DA., Libra M., Tsatsakis AM. - Akt inhibitors in cancer treatment: The long journey from drug discovery to clinical use (Review), International Journal Of Oncology, 2016 Mar;48(3):869-85. doi: 10.3892/ijo.2015.3306. Epub 2015 Dec 24., ISSN: 1791-2423 factor de impact 3,025,
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Projects

- Director of the International Project awarded by Bionorica Germany in the action Global Research Initiative 2014, for the project **Studies regarding certain biological effects of encapsulated vegetal extracts from plants with known cardio-vascular positive outcome**

<http://bionorica.mx/nature-and-research/global-research-initiative/>

- Director of the PostDoctoral project STUDIES REGARDING THE EFFECT OF SOME POLYPHENOLIC COMPOUNDS ON THE CELLULAR MECHANISMS INVOLVED IN THE DEVELOPMENT OF CARDIO-VASCULAR COMPLICATIONS OF CHRONIC HYPERGLYCEMIA, awarded by national competition, financed by CNCIS 2010-2012

https://uefiscdi.gov.ro/userfiles/file/PROIECTE%20PD%20COMPETITIA%202009/REZULTATE%20PD_DOMENIU%204_4_FINAL.pdf

- Scientific coordinator on behalf of UMF Carol Davila, for the project "Study regarding the cellular, molecular and genic mechanisms through which dyslipidemia induces insulin resistance; identification of active probiotic compounds and treatment methods", no 41-067, coordinated by Dr Anca Sima, Member of the Romanian Academy from N Simionescu Institute of Cellular Biology and Pathology, 2007-2010
- Member in the research group of 6 projects coordinated by the Faculty of Pharmacy Bucharest
- Member in the research team of the International project « *Bioelectronic micro-devices for bioanalysis and diagnosis. Feasibility study for clinical applications*, Bilateral Cooperation Romania Italia, Partener: Istituto di Fotonica e Nanotecnologie del CNR (CNR-IFN), Roma, Italia, 2006-2007.

Memberships

Member in the editorial board for the following publications (ISI WOS):

- Molecular Medicine Reports IF 1,851 din 2020
- Toxicology Reports din 2020

Guest Editor

- Nutrients IF 5,9, 2023, Special Issue "Intermittent Fasting on Human Health and Disease"

Reviewer for many ISI-WOS publications (see WOS profile)

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