

**Lista de lucrări științifice  
a candidatei Miklos Amalia**

**1. Titlul tezei de doctorat: Manipularea androgenică a forței și esteticii musculare – model animal „in vivo”. O perspectivă farmacologică și analitică,** anul susținerii: 2020, conducător științific: prof. univ. dr. Daniela-Lucia Muntean, Ordinul ministrului educației și cercetării nr. 6245/21.12.2020, eliberată de Ministerul Educației și Cercetării, calificativul obținut: Excelent.

**2. Cărți de specialitate:**

1. Tero-Vescan A., Osz B.E., **Miklos A.**, Substanțe minerale, factori esențiali în nutriție. O abordare din perspectiva biochimică și farmacologică, Editura University Press Târgu Mureș, 2020, 114 pg., ISBN 978-973-169-642-3, cod CNCIS 210.

**2. Articole publicate in extenso:**

**2.1. Articole în reviste cotate ISI, cu factor de impact:**

1. **Miklos A**, Tero-Vescan A, Farczádi L, Imre S, Vari CE, Muntean DL, *Development of an Analytical Methodology for the Qualitative and Quantitative Characterization of Capsules with Andarine, in Order to Use them to Investigate the Pharmacotoxicological Profile of the Substance*, REV.CHIM., 2019, 70(8): 2759-2763, ISSN 0034-7752, FI (2019) 1.755 (**prim autor**).

2. **Miklos A**, Tero-Vescan A, Farczádi L, Imre S, Vari CE, Muntean DL, *LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY METHODS FOR THE DETERMINATION OF ANDARINE AND OSTARINE IN RAT SERUM AFTER PROTEIN PRECIPITATION*, Farmacia, 2019, 67(5): 772-779, <https://doi.org/10.31925/farmacia.2019.5.4>, ISSN: 2065-0019, FI (2019) 1.607 (**prim autor**).

3. **Miklos A**, Tero-Vescan A, Vari CE, Osz BE, Filip C, Ruzs CM, Muntean DL, *Selective androgen receptor modulators (SARMs) in the context of doping*, Farmacia, 2018, 66(5): 758-762, <https://doi.org/10.31925/farmacia.2018.5.3>, ISSN: 2065-0019, FI (2018) 1.527 (**prim autor**).

4. Tero-Vescan A, Osz BE, Batrînu M, **Miklos A**, Filip C, Imre S, Vari CE, *Water hardness key element in choosing between washing efficiency with enzyme detergent and the lifespan of the washing machine*, Revista de Chimie, 2018, 69(12): 3393-3399, ISSN 0034-7752, FI (2018) 1.605.

5. Tănase C, Coșarcă S, Toma F, Mare A, Coșarcă A, Man A, **Miklos A**, Imre S, *Antibacterial activities of spruce bark (Picea abies L.) extract and its components against human pathogens*, Revista de Chimie, 2018, 69(6): 1462-1467, FI (2018) 1.605.

6. Tănase C, Coșarcă S, Toma F, Mare A, Man A, **Miklos A**, Imre S, Boz I, *Antibacterial activities of Beech Bark (Fagus Sylvatica L.), polyphenolic extract*, Environmental Engineering and Management Journal, 2018, 17(4): 877-884. IF (2018) 1.186.

7. Tănase C, Domokos E, Coșarcă S, **Miklos A**, Imre S, Domokos J, Dehelean CA, *Study of ultrasound-assisted Extraction of Polyphenols from Beech (Fagus sylvatica L.) Bark*, *BioResources*, 2018, 13(2): 2247-2267, FI (2018) 1.396.

8. Fulop I, Vari CE, **Miklos A**, Imre S, *LC-MS/MS ESI methods for the determination of oestrogens and androgens in biological matrix – a minireview*, *Farmacia*, 2017, 65(4): 485-493, ISSN 0034-7752, FI (2017) 1.507.

9. Vari CE, Osz BE, Perian M, Mărușteri MȘ, **Miklos A.**, Bosa P, Tero-Vescan A, *Do aromatase inhibitors reduce fertility and impair sexual behaviour in an androgen doping model in rats?*, *Farmacia*, 2017, 65(3):336-342, ISSN 0034-7752, FI (2017) 1.507.

10. Imre S, Esianu S, **Miklos A\***, Tiuca I, Dicher I, Tero-Vescan A, Muntean DL, Oprean R, *Qualitative Assays Of Essential Oils Of Lavender And Peppermint In Comercial Products Through Spectral And Chromatographic Methods*, *Farmacia*, 2016, 64(6): 857-862, ISSN 0034-7752, FI (2016) 1.348 (**autor corespondent**).

11. Vari CE, Ősz BE, **Miklos A**, Berbecaru-lovan A, Tero-Vescan A, *Aromatase inhibitors in men – off-label use, misuse, abuse and doping*, *Farmacia*, 2016, 64(6): 813-818, ISSN 0034-7752, FI (2016) 1.348

12. Vlase L, Imre S, Muntean DL, Ősz BE, **Miklos A**, Tero-Vescan A, Vari CE, *New LC-MS/MS method for testosterone and dihydrotestosterone analysis in male rat plasma*, *Farmacia*, 2016, 64(6): 834-839, ISSN 0034-7752, FI (2016) 1.348.

13. Croitoru MD, **Miklos A\***, Fogarasi E, Coman MM, Fulop I, *Evaluation of the ingestion of parabens during the use of dental care products by healthy human volunteers*, *Farmacia*, 2016, 64(4): 594-598, ISSN 0034-7752, FI (2016) 1.348 (**autor corespondent**).

14. Croitoru MD, Fűlűp I, **Miklos A**, Hosszű B, Tűtar VL, Muntean DL, *Presence of nitrate and nitrite in vegetables grown for self-consumption*, *Farmacia*, 2015, 63(4): 530-533, ISSN 0034-7752, FI (2016) 1.348.

## 2.2.Articole în reviste cotate BDI/B+:

1. Bűtrűnu MG, Tero-Vescan A, **Miklos A**, *BIOCHEMICAL CONTROVERSIES REGARDING THE USE OF VEGETAL PROTEINS IN PERFORMANCE ATHLETES*, *Acta Biologica Marisiensis*, 2020, 3(2): 5-13, DOI: 10.2478/abmj-2020-0006, EBSCO, ISSN: 2601 – 6141.

2. **Miklos A**, Tero-Vescan A, Farczűdi L, Muntean DL, *Development and Validation of an UHPLC Method for Ostarine Determination in Dietary Supplements*, *Acta Medica Marisiensis*, 2019; 65(2): 49-54,ISSN: 2068 – 3324, EBSCO (**prim autor**).

3. Filip C, Tero-Vescan A, **Miklos A**, Hotnog AD, Ősz BE, *Vegetal sprouts – are they a “living food”?*, *Acta Medica Transilvanica*, 2019, 24(1): 20-22, ISSN 2285 – 7079, EBSCO.

4. **Miklos A**, Tero-Vescan A, Muntean DL, *ISOFLAVONOIDS – DUAL ACTION ON ESTROGEN RECEPTORS*, *Acta Biologica Marisiensis*, 2018, 1(2): 61-67, ISSN: 2601 – 6141, ISSN-L: 2601 – 6141, EBSCO (**prim autor**).

5. George J, Ősz BE, Vancea S, **Miklos A**, Tero-Vescan A, *LC-MS Method for Determining Amiodarone and Desethylaminodarone in Rat Plasma Used in Endogenous*

*Overdosing Conditions Following Lipolysis*, Acta Medica Marisiensis, 2018; 64(3): 111-115, ISSN: 2068 – 3324, EBSCO.

6. Tero-Vescan A, **Miklos A**, Filip C, Ruzs CM, Ősz BE, *Health Risks Of Combining Weight Loss Dietary Supplements With A Ketogenic Diet In Case Of Intense Physical Effort*, Acta Medica Transilvanica, 2018, vol. 23(2): 8-10, ISSN 2285 – 7079, EBSCO.

7. Tero-Vescan A, Filip C, Rădoni R, **Miklos A**, Ősz BE, *Urinary biochemical parameters modified during periodic fasting*, Acta Medica Transilvanica, 2017, 22(4): 13-15, ISSN 2285 – 7079, EBSCO.

8. **Miklos A**, Ciulea L, Vari CE, Imre S, Ősz BE, Tero-Vescan A, *The efficiency and safety of L-carnitine and caffeine after short- and long-term administration*, Palestrica of the third millennium – Civilization and Sport, 2016, 17(3): 229–232 (**prim autor**).

### **2.3.1. Articole publicate în rezumat în revistele și volumele unor manifestări științifice internaționale:**

1. Tero-Vescan A, **Miklos A**, Ősz BE, Filip C, *Sexual behavior of ovariectomized female rats after chronic genistein administration*, 67th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA) in cooperation with the French Society of Pharmacognosy AFERP, Innsbruck, 1-5 septembrie 2019, Planta Medica, 2019; 85(18): 1548, DOI: 10.1055/s-0039-3400089, ISSN: 0032-0943, FI (2019) 2,687.

2. **Miklos A**, Tero-Vescan A, Filip C, Ősz BE, *Genistein therapy in an animal model of estrogen deficiency*, 67th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA) in cooperation with the French Society of Pharmacognosy AFERP, Innsbruck, 1-5 septembrie 2019, Planta Medica 2019; 85(18): 1577, DOI: 10.1055/s-0039-3400421, ISSN: 0032-0943, FI (2019) 2,687.

3. Ősz BE, Tero-Vescan A, **Miklos A**, *Quantitative control of dietary supplements containing caffeine*, 67th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA) in cooperation with the French Society of Pharmacognosy AFERP, Innsbruck, 1-5 septembrie 2019, Planta Medica 2019; 85: 1580, DOI: 10.1055/s-0039-3400428, ISSN: 0032-0943, FI (2019) 2,687.

### **2.3.2. Articole publicate în rezumat în revistele și volumele unor manifestări științifice naționale:**

1. Istrate T.I., Tero-Vescan A, Kovacs B, **Miklos A**, Duca L, *Sighting 2,4-dinitrophenol: a renounced drug used for weight loss with clinically proved noxious effects*, the XXIV Edition of the International Congress for Students, Young Doctors and Pharmacists Marisiensis 2020.

2. Crișan RE, **Miklos A**, Filip C, Tero-Vescan A, *Study on the quality of "own-brand" products in a local supermarket*, AMM, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, 2019, 65 (S1): 129.

3. Péterfi O, Șerban Gâz A, **Miklos A**, *Determination of andarine using complexation with metal cation, by uv spectroscopy*, AMM, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, 2019, 65 (S1): 67.

4. Cuzuioac I, **Miklos A**, Filip C, Tero-Vescan A, *Benefits and risks associated with beta-alanine dietary supplements used by professional and amateur athletes*, AMM, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, 2019, 65 (S1): 55. ISSN 2068-3324, cod CNCIS 103 B+. EBSCO database journal.

5. **Miklos A**, Farczádi L, Tero-Vescan A, Imre S, Muntean DL, *Preliminary qualitative and quantitative studies of dietary supplements (capsules) with andarine to aid with the design of an animal doping model*, Volum de rezumate, 2018, 1: 110-111, a 11-a Conferință anuală a doctoranzilor și post-doctoranzilor, 10-14 decembrie, Tîrgu Mureș.

6. **Miklos A**, Tero-Vescan A, Filip C, Oprea VC, Muntean DL, *Selective androgen receptor modulators (SARMs) - between therapy and doping*, 2018, 27-28, a 4-a CONFERINȚĂ NAȚIONALĂ DE MEDICINĂ APLICATĂ LA EDUCAȚIA FIZICĂ ȘI SPORT „Iuliu Hațieganu”, Cluj-Napoca.

7. Batrînu M., Tero-Vescan A., **Miklos A.**, *The influence of some chemical physical chemical parameters on the enzymatic activity of detergents on the romanian market*, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, Târgu Mureș, Romania, 28th of March – 1st of April 2018, AMM vol 64 (1): 82.

8. Știrbăț A.E., Tero-Vescan A., **Miklos A.**, *Updates about phytoestrogens and their effects on the skin*, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, Târgu Mureș, Romania, 28th of March – 1st of April 2018, AMM, 64(1):78.

9. Moldovan OL, Tero-Vescan A, **Miklos A**, Filip C, *Pharmaceutical counseling in lactose intolerance and milk protein allergy*, The 5th National Conference on Nutrition and Dietetics “Current nutritional approaches to food allergies and intolerances” Tîrgu Mureș, Romania May 4-5, 2018, AMM, 64(21):12.

10. Hotnog AD, Filip C, Tero-Vescan A, **Miklos A**, *Wheat sprouts consumption in food allergies*, The 5th National Conference on Nutrition and Dietetics “Current nutritional approaches to food allergies and intolerances” Tîrgu Mureș, Romania May 4-5, 2018, AMM, vol 64 (21): 10.

11. Brihan D, Tero-Vescan A, Filip C, **Miklos A**, *New approaches in food-dependent exercise-induced anaphylaxis*, The 5th National Conference on Nutrition and Dietetics “Current nutritional approaches to food allergies and intolerances” Tîrgu Mureș, Romania May 4-5, 2018, AMM, vol 64 (21): 5.

12. **Miklos A**, Gliga L, Dehelean C, Vari CE, Imre S, Farczadi L, *Development of a high-throughput LC-MS/MS method for the detection of testosterone in male rat plasma without derivatisation*, AMM, 2017, 63 (S4): 10. ISSN 2068-3324, cod CNCIS 103 B+. EBSCO database journal.

13. Ardelean TD, **Miklos A**, Tero-Vescan A, Ósz BE, *Metabolic differences between women and men in sports*, The 3rd International Sport Nutrition Conference

“Transdisciplinary Research in Physical Therapy, Physical Activity and Sports Nutrition” Tîrgu Mureș, Romania 3-4 November 2017, AMM, Vol 63(3):63-64.

14. Hotnog AD, **Miklos A**, Tero-Vescan A, Filip C, *The advantages of vegetal sprouts consumption in the modern diet*. The 3rd International Sport Nutrition Conference “Transdisciplinary Research in Physical Therapy, Physical Activity and Sports Nutrition” Tîrgu Mureș, Romania 3-4 November 2017, AMM, Vol 63(3):57.

15. Moldovan OL, Tero-Vescan A, **Miklos A**, Ősz BE, Filip C, *The use of soy proteins for junior athletes - between benefits and risks*. The 3rd International Sport Nutrition Conference “Transdisciplinary Research in Physical Therapy, Physical Activity and Sports Nutrition” Tîrgu Mureș, Romania 3-4 November 2017, AMM, Vol 63(3):67.

16. Jîtcă G, **Miklos A**, Tero-Vescan A, Ősz BE, *Determination of caffeine content in dietary Supplements for weight loss by a hplc-uv method*. The 3rd International Sport Nutrition Conference “Transdisciplinary Research in Physical Therapy, Physical Activity and Sports Nutrition” Tîrgu Mureș, Romania 3-4 November 2017, AMM, Vol 63(3):66.

17. **Miklos A.**, Vlase L., Dehelean C., Gliga L., Vari C.-E., Imre S., *LC-MS/MS detection of testosterone in plasma without derivatisation. Comparison of different types of mass spectrometry detection*, AMM, 2016, 62(supl.8): 7. EBSCO database journal. (prezentare orală).

18. Vari CE, Ősz BE, Imre S, **Miklos A**, Maier A, Tero-Vescan A, *Pre-screening of cytochrome P450 enzyme activity. Alternative analytical methods to pharmacogenetic studies*, Scientific Session of University Educational Staff, 8-9 December 2016, AMM, vol 62 (supl 8): 81.

19. Tanase C, Coșarcă S, Toma F, Mare A, Man A, **Miklos A**, Imre S, Boz I, *Antioxidant and antimicrobial activities of beech bark (Fagus sylvatica L.) polyphenolic extract*, 3rd International Conference on Chemical Engineering Romania, Iași, 09 – 11 November 2016, Book of Abstracts, 2016 (format electronic).

20. Tero-Vescan A, Ștefănescu R, Ciulea L, **Miklos A**, Vari CE, Ősz BE, Imre S, *Biochemical bases of using active substances of vegetal origin in dietary supplements for weight loss*, Book of Abstracts, Romanian National Congress of Pharmacy, București, 2016, 211. ISSN 2537 – 2823, ISSN-L 2537 - 2823 (e-poster CNFR 2016, București, 28.09.2016-01.10.2016).

21. **Miklos A**, Rusz CM, Dogaru M, Vari CE, *Hyperprolactinemia and modern antipsychotics?*, The 19th International Scientific Congress for Students, Young Physicians and Pharmacists Marisiensis 22-26 april 2015, AMM, 61(S2): 87.

#### 2.4. Proiecte de mobilități/Granturi câștigate prin competiții naționale:

1. Proiecte de mobilități pentru cercetători/UEFISCDI, Program PN III Development of the national research and development system, human resources subprogram, 7-8 septembrie 2019, cod proiect 37/07.08.2019, valoare proiect 8360 RON (director de proiect).

2. Proiecte de mobilități pentru cercetători/UEFISCDI, Program PN III Development of the national research and development system, human resources subprogram, 1-5septembrie 2019, cod proiect 35/07.08.2019, valoare proiect 13640 RON. (director de proiect)

3. FDI EXCELENȚA ÎN CERCETAREA DOCTORALĂ. Strategii de consolidare a impactului internațional al cercetării în cadrul Școlilor Doctorale la Universitatea de Medicină, Farmacie, Științe și Tehnologie din Târgu Mureș - ECD-UMFST (Cod CNFIS-FDI-2019-0198). (membru)

4. Proiecte de mobilități pentru cercetători /UEFISCDI, Program PN III Development of the national research and development system, human resources subprogram, 26 -30 noiembrie2018, cod proiect 5445/13.06.2018, valoare 14300 RON (director de proiect).

5. Excellence through internationalization at University of Medicine and Pharmacy of Tîrgu Mureș, cod proiect CNFIS-FDI-2018-0195, The competition for projects funded by the Institutional Development Fund for state universities – FDI 2018, coordinated by The National Council for Financing Higher Education, Strategic financing area D2 - internationalization. Perioada 21.05.2018-20.12.2018. Valoarea 299.000 RON, director de proiect: Prof. Dr. Angela Borda. (membru)

6. Proiecte de mobilități pentru cercetători/UEFISCDI, Program PN III Development of the national research and development system, human resources subprogram, 1 septembrie 2017-31 martie 2018, cod proiect 596/18.12.2017, valoare 16500 RON(director de proiect).