

Amelia Tero-Vescan

Lista lucrărilor științifice

Teza de doctorat

Studiul fitochimic al speciei *Genista tinctoria* L.(drob) indigenă, fam.Fabaceae

Teza de abilitare

Biochimia, interfață între cercetarea fundamentală și aplicată

Cărți publicate

1. **Tero-Vescan A**, Ősz BE, Miklos A - Substanțele minerale, factori esențiali în nutriție. O abordare din perspectivă biochimică și farmacologică, Ed University Press Târgu Mureș, 2018, p. 114, ISBN 978-973-169-642-3
2. **Tero-Vescan A**, Ősz BE, Imre S – Principii de Biochimie Medicală, Ed University Press Târgu Mureș, 2018, p. 225, ISBN 978-973-169-517-4
3. **Tero-Vescan A**, Vari C-E, Imre S – **Fundamentele biochimice ale metabolismului la sportivi. Suplimente nutritive și substanțe dopante**, Ed University Press Târgu Mureș, 2013, 200 p, ISBN 978-973-169-272-2
4. Adriana Ciurba (coord.) – capitolul „**Elemente de nutriție și dietoterapie**”, autori Oșan A, **Tero-Vescan A**, în cartea „Activitatea în farmacie: ghid pentru desfășurarea stagiului practic în farmacie destinat studenților anului V”, Ed University Press Târgu Mureș, 2010 ISBN 978-973-169-133-6
5. Oșan A, **Tero-Vescan A** – Aditivi alimentari, Ed. Napoca Star, Cluj-Napoca, 2009, 170 p. ISBN 978-973-647-687-7, cod CNCIS 9.
6. Oșan A, Nagy E, **Tero-Vescan A** - Biochimie practică, Ed University Press Târgu Mureș, 2008 170 p. ISBN 978-973-169-032-2

Îndrumătoare de lucrări practice

1. Oșan A, Nagy E, **Tero-Vescan A.**, Nistor C. Chimia alimentelor. Aplicații practice, Lit. UMF, Târgu Mureș, 2010.
2. Oșan A, **Tero-Vescan A.** Biochimie metabolica, Lit. UMF, Târgu Mureș, 2009.
3. Oșan A, Nagy E, **Tero-Vescan A.** Biochimie. Aplicații practice, Lit. UMF, Târgu Mureș, 2009.
4. Oșan A, Nagy E, **Tero-Vescan A.** Chimia sanitară a factorilor de mediu, Lit. UMF, Târgu Mureș, 2009
5. Oșan A, Nagy E, **Tero-Vescan A.** Biochimie, lucrări practice, Lit. UMF, Tg Târgu Mureș, 2006.
6. Oșan A, Nagy E, **Tero-Vescan A.** Chimia sanitară a factorilor de mediu, Lit. UMF, Târgu Mureș, 2006.

Articole publicate in extenso în reviste de specialitate

Lucrări științifice publicare in extenso în reviste ISI Thomson Reuters

1. Ștefănescu R, **Tero-Vescan A**, Negroiu A, Aurică E, Vari CE - A Comprehensive Review of the Phytochemical, Pharmacological, and Toxicological Properties of *Tribulus terrestris* L, *Biomolecules* 2020, 10, 752; doi:10.3390/biom10050752. FI (2019) = 4.082
2. Hutanu A, Iancu M, Dobreanu M, Oprea OR, Barbu Ș, Maier S, **Tero-Vescan A**, Bajko Z, Bălașa R - Extended lipid profile in Romanian ischemic stroke patients in relation to stroke severity and outcome: a path analysis model. *Archives of Medical Science*. 2019. doi:10.5114/aoms.2019.89302. FI (2019) = 2.807
3. Imre S, Al Hussein SM, Pascu A, Oltean (Glîga) LE, Dogaru MT, Al Hussein H, Muntean DL, **Tero-Vescan A** - Concomitant HPLC Analysis Of Adapalene And Nadifloxacin In The Presence Of Glycolic Acid, *Farmacia*, 2019, 67 (6): 948-954, FI (2019) = 1.607 (autor principal)
4. 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 FI (2019) = 1.607 (autor principal)

5. 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. Bucharest, 2019, 70 (8): 2759-2763 FI (2019) = 1.755 (autor principal)
6. Imre S, **Tero-Vescan A**, Dogaru MT, Kelemen L, Muntean DL, Curticăpean A, Szegedi N, Vari CE - With or Without Internal Standard in HPLC Bioanalysis. A Case Study, J Chromatogr Sci., 2019, 57(3):243-248, FI (2019) = 1.28 (autor principal).
7. **Tero Vescan A**, Osz BE, Bătrânu 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, Rev Chim. Bucharest), 2018, 69(12): 3393-3399, FI (2018) = 1.605 (autor principal).
8. 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, FI (2018) = 1.527.
9. **Tero-Vescan A**, Ósz BE, Maier A, Imre S, Ormenișan A, Hancu V, Vari CE - Concomitant Quantification of Caffeine, Cotinine and N-methyl Uric Acid in Urine. Applications for athlete monitoring and pharmacological screening. Rev Chim., 2017, 68(10):2284-2288, FI (2017) = 1.412 (autor principal).
10. Ósz BE, **Tero-Vescan A**, Dogaru M, Vancea S, Imre S, Bosa P, Vari CE - Olanzapine Transfer Into Sheep's Milk. An Animal Model, Farmacia, 2017, 65 (5): 677-682, FI (2017) = 1.507 (autor principal).
11. Vari CE, Ósz BE, Perian M, Mărușteri MS, 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, FI (2017) = 1.507 (autor principal).
12. Vari CE, Ósz BE, Miklos A, Berbecaru-Iovan A, **Tero-Vescan A** - Aromatase inhibitors in men – off-label use, misuse, abuse and doping, Farmacia, 2016, 64 (6): 813-818, FI (2016) = 1.348 (autor principal).
13. Imre S, Eșianu S, Miklos A, Tiucă I, Dicher I, **Tero-Vescan A**, Muntean DI, 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, FI (2016) = 1.348.
14. Vlase L, Imre S, Muntean DL, Ósz 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, FI (2016) = 1.348.
15. Imre S, Ormenișan A, **Tero-Vescan A**, Muntean DI, Vari CE - Hplc Enantioseparation Of B-Blockers On Ovomucoid Stationary Phase, J Chromatogr Sci, 2016, 54 (9): 1578-1583, FI (2016) = 0.984 (autor principal).
16. Hancu G, Hilochie A, Vlad AR, Cârje A, **Tero-Vescan A** - Enantiomeric Separation of Sibutramine by Capillary Zone Electrophoresis, J. Braz. Chem. Soc., 2016, 27(6): 1116-1120, FI (2016) = 1.198 (autor principal).
17. **Tero-Vescan A**, Vari CE, Imre S, Ósz BE, Filip C, Hancu G - Comparative analysis by HPLC-UV and capillary electrophoresis of dietary supplements for weight loss, Farmacia, 2016, 64(5): 699-705, FI (2016) = 1.348 (autor principal).
18. **Tero-Vescan A**, Vancea S, Hutanu A, Borka-Balás R, Dobreanu M - Concordance And Controversy In Determining The Omega-3 Index In Plasma And Red Blood Cells Membrane, Farmacia, 2015, 63(4): 504-509, FI (2015) = 1.162 (autor principal).
19. **Tero-Vescan A**, Vari CE, Muntean DL, Dogaru MT, Filip C, Imre S - Determination of genistein in rat liver and kidney by a HPLC/UV method. Possible extrapolation from animals to humans, Romanian Review of Laboratory Medicine, 2014, 22(1): 119-128, FI = 0.239 (autor principal).
20. Vari CE, **Tero-Vescan A**, Dobru D, Copotoiu C, Roșca C, Dudaș T, Molnar C - The effectiveness and safeness of terlipressin in patients with upper gastrointestinal bleeding, Farmacia, 2014, 62(3): 570-577, FI (2014) = 1.005.
21. **Tero-Vescan A**, Vari CE, Vlase L - Alkaloid content of some potential isoflavonoids sources (native Genista species). Long-term safety implications, Farmacia, 2014, 62(6):1109-1117, FI (2014) = 1.005 (autor principal).
22. Farkas SZ, Imre S, Muntean DL, **Tero-Vescan A** - Analysis of drug related impurities by infrared spectrometry in the class of statins, Farmacia, 2013, 61(6): 1091-1101, FI = 1.251 (autor principal).

23. Vari CE, **Tero-Vescan A**, Imre S, Muntean DL - Therapeutic drug monitoring of cyclosporine in transplanted patients. Possibilities, controversy causes for failure, Farmacia, 2012, 60(5): 595-600, FI(2012) = 0,578 (autor principal).
24. Vlase L, Popa DS, **Tero-Vescan A**, Olah N - New Liquid Chromatography: Mass Spectrometry Assay for Natural Phytoestrogens from Vegetable Extracts, Acta Chromatographica, 2011, 23(3), 509–520, FI=0,76.
25. **Tero-Vescan A**, Imre S, Vari CE, Oşan A, Dogaru MT, Csedő C - Determination of some isoflavonoids and flavonoids from Genista tinctoria L by HPLC-UV, Farmacia, 2009, LVII(1):120-127, FI= 0,144 (autor principal).
26. Nagy E, Oşan A, **Tero-Vescan A**, Kovács I, Mátyás M - Diagnostic relevance and correlations of soluble transferrin receptor in anaemia associated with chronic inflammatory diseases. Revista Română de Medicină de Laborator, 2009, 14(1):55-62.

Lucrări științifice publicare *ca rezumat* în reviste ISI Thomson Reuters

1. **Tero-Vescan A**, Miklos A, Osz BE, Filip C - Sexual behavior of ovariectomized female rats after chronic genistein administration, PLANTA MEDICA, 2019, 85(18): 1548-1548, DOI: 10.1055/s-0039-3400089, FI (2019) = 2.687
2. Miklos A, **Tero-Vescan A**, Filip C, Osz BE - Genistein therapy in an animal model of estrogen deficiency, PLANTA MEDICA, 2019, 85(18): 1577-1577, DOI: 10.1055/s-0039-3400421, FI (2019) = 2.687
3. Osz BE, **Tero-Vescan A**, Miklos A - Quantitative control of dietary supplements containing caffeine, PLANTA MEDICA, 2019, 85(18): 1580-1580, DOI: 10.1055/s-0039-3400428, FI (2019) = 2.687

Lucrări științifice publicare *in extenso* în reviste indexate în baze de date internaționale (BDI)

1. Bătrânu MG, **Tero-Vescan A**, Miklos A - Biochemical Controversies Regarding The Use Of Vegetal Proteins In Performance Athletes, ABMJ 2020, 3(2): 1-9, DOI: 10.2478/abmj-2020-0006, **autor de corespondență**.
2. Bătrînu MG, **Tero-Vescan A** - Neurosteroids In Cognitive Disorder -From Well-Known Pharmacological Aspects To A Source Of Controversy, Acta Medica Transilvanica, 2020, 25(1):23-27, **autor principal**.
3. Stăcescu Ș, Hancu G, Podar D, Todea Ș, **Tero-Vescan A** - A Historical Overview Upon the Use of Amphetamine Derivatives in the Treatment of Obesity. J Pharm Care. 2020, 7(3):72-79, **autor principal**.
4. Miklos A, **Tero-Vescan A**, Farczádi I, Muntean DL - Development and Validation of an UHPLC Method for Ostarine Determination in Dietary Supplements, Acta Medica Marisiensis 2019;65(1):1-18, **autor de corespondență**.
5. Filip C, **Tero-Vescan A**, Miklos A, Hotnog AD, Osz BE - Vegetal Sprouts – Are They A “Living Food”?, Acta Medica Transilvanica, vol. 24, no. 1, 2019, p. 20-22
6. Podar DM, Tero-Vescan A, Stăcescu S, Hancu G - The Associated Risks Of On-Label And Off-Label Drugs Used In Obesity, Acta Medica Transilvanica, vol. 24, no. 1, 2019, p. 23-26, **autor de corespondență**.
7. Jîtcă G, Câmpăan T, **Tero-Vescan A**, Vari CE, Filip C, Ősz BE - Retrospective study on the frequency and causative mechanisms of chronic gastritis in an integrative medicine center in Târgu-Mureș, Acta Medica Transilvanica, 2018 23(3):67-69, **autor de corespondență**.
8. Jîtcă G, 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, **autor principal**.
9. **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, 23(2):8-10, **autor principal**.
10. **Tero-Vescan A**, Imre S, Vari CE, Toma A, Ősz BE - Risks associated with sub- and overdosing of water-soluble vitamins in professional or amateur athletes and the quality of dietary supplements, Palestrica of the third millennium – Civilization and Sport, 2018, 19(2): 92–97, autor principal.

11. Jîtcă G, **Tero-Vescan A**, Miklos A, Vari CE, Ősz BE – Differences in dietary supplements used by performance athletes and recreationally active individuals, *Palestrica of the third millennium – Civilization and Sport*, 2018, 19(3): 153-157 **autor principal**.
12. **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, **autor principal**.
13. Ősz BE, **Tero-Vescan A**, Imre S, Ciulea L, Bosa P, Vari CE - Reproductive function and a menstrual cycle linked diet in sportswomen, *Palestrica of the third millennium – Civilization and Sport*, 2017, 18(1): 42-45, **autor principal**.
14. Vlad AR, Hancu G, Kelemen H, Ciurcă D, **Tero-Vescan A** - Analytical Methodologies for the Stereoselective Determination of Sibutramine: An Overview, *Acta Medica Marisiensis*, 2017, 63(2):52-55, **autor principal**.
15. 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, **autor principal**.
16. Imre S, Haidu T, Ponta O, Vancea S, Vari CE, **Tero-Vescan A** - Internal Structure Quality Control of Solid Pharmaceuticals. A Comparative Study, *Acta Medica Marisiensis* 2016;62(1):95-100, **autor principal**.
17. **Tero-Vescan A**, Ősz BE, Vari CE, Imre S, Hancu G - Determination of Omega-3/Omega-6 Ratio in Swine Brain Homogenate as an Animal Model for Human Nervous Tissue, *Acta Medica Marisiensis* 2016;62(1):86-89, **autor principal**.
18. Saracut C, Molnar C, Farczádi L, Vlase L, **Tero-Vescan A**, Todoran N, Copotoiu C - Determination of Secondary Bile Acids in the Mice Feces. Controversies on their Involvement in the Pathogenesis of Colorectal Cancer, *Acta Medica Marisiensis* 2015;61(4):287-290
19. Hancu G, **Tero-Vescan A**, Filip C, Rusu A - Capillary Electrophoresis in the Analysis of Polyunsaturated Fatty Acids, *Acta Medica Marisiensis*, 2015, 61(4):378-381, **autor principal**
20. **Tero-Vescan A**, Vari CE, Filip C, Ősz BE, Imre S, Ceană D, Hancu - Analysis of Dietary Supplements and Drugs for Erectile Dysfunction by HPLC-UV, *Acta Medica Transilvanica*, 2014;2(4):297-299, **autor principal**.
21. **Tero-Vescan A**, Hancu G, Oroian M, Cârje A - Chiral Separation of Indapamide Enantiomers by Capillary Electrophoresis. *Advanced Pharmaceutical Bulletin*, 2014, 4(3): 267-272, **autor principal**.
22. Filip C, Ceană D-E, **Tero-Vescan A** - Metodă HPLC cu detecție de fluorescență pentru identificarea și determinarea cantitativă a unor fluorochinolone din lapte. *Acta Medica Transilvanica*, 2014, 1(2):35-37, **autor principal**.
23. Nistor C, **Tero-Vescan A**, Ureche R - Determination of Triiodothyronine and Thyroxine from Plasma and Milk of lactating Cow. *Acta Medica Marisiensis* 2011, 57 (6): 698-700.
24. **Tero-Vescan A**, Imre S, Vari C, Dogaru M, Csedő C - Determination of genistein plasma in by HPLC-UV. *Timișoara Medical Journal* 2008, 58(2): 10-14, **autor principal**.
25. Oșan A, Olariu M, Ștefănescu D, **Tero-Vescan A**, Horga D - Study on lead environment pollution in areas with intense traffic in Târgu Mureș. *Farmacia* 2008, LVI(5):483-490

Lucrări științifice publicare *in extenso* în reviste CNCSIS (categoria B)

1. **Tero-Vescan A**, Osan A. *Studies on the enzymatic activity of Genista tinctoria L extracts*. *Revista de Medicină și Farmacie* 2009, 55(1): 106-109, ISSN 1221-2229 **autor principal**.
2. **Tero-Vescan A**, Imre S, Vari CE, Osan A, Dogaru M. *Determination of genistein from rat plasma by HPLC-UV*. *Revista de Medicină și Farmacie* 2009, 55(3): 339-346, ISSN 1221-2229 **autor principal**.
3. Oșan A, Neagu C, **Tero-Vescan A**. *Influența ionilor de plumb și cadmiu asupra activității piruvat dehidrogenazei*. *Farmacia* 2005, LIII(1):85-91, ISSN 0014-8237 **autor principal**.
4. Oșan A, Hârșan A, **Tero-Vescan A**. *Continutul în nitrați și nitriți în legume și fructe*. *Farmacia* 2004, LII(6):63-68, ISSN 0014-8237 **autor principal**.

Articole publicate în rezumat în volumele unor manifestări științifice internaționale

1. Filip C, **Tero-Vescan A**, Tarcea M, Rus V - The influence of milk/ plasma partition ratio of thyroid hormones in early child cretinism, The 7th International Conference on Food Chemistry, Engineering & Technology 25-26 May 2017, Timisoara, vol de rezumate, p.36.
2. **Tero-Vescan A**, Imre S, Vari CE, Identifying the counterfeit dietary supplements for weight loss and increasing male potency, The 6th Romanian – Jordanian Congress of Medicine and Pharmacy, 21-22 May 2015
3. Vari CE, **Tero-Vescan A**, Imre S, Ösz BE, Controversy regarding the use of weight loss supplements with phytotherapeutic extracts for sportsmen, Phytochemical Society of Europe Meeting, Piatra Neamț, România, 27-30 aprilie 2014, Book of abstracts, (ISBN-13 978-0-9565472-4-8) p 32
4. **Tero-Vescan A**, Vari CE, Ciulea L, Filip C, Imre S, Screening by HPLC-UV of legal substances (caffeine and yohimbine) and illegal substances (ephedrine and sibutramine) from weight loss dietary supplements for athletes, Phytochemical Society of Europe Meeting, Piatra Neamț, România, 27-30 aprilie 2014, Book of abstracts, (ISBN-13 978-0-9565472-4-8) p 54

Articole publicate în rezumat în volumele unor manifestări științifice naționale

1. Osz BE, **Tero-Vescan A**, Dogaru MT – Potențialul terapeutic al canabinoizilor naturali și sintetici – Conferința națională de farmacie clinică Ed III “ Farmacia clinică și comunitară în secolul XXI” 19-21 sept 2019, București, vol de rezumate, p 103 ISBN 978-973-0-24609-4
2. Miklos A, Farczadi L, **Tero-Vesca A**, Imre S, Muntean DL – Preliminary qualitative and quantitative studies on dietary supplements (capsules) with andarine to aid with the design of an animal doping model, Days of the University of Medicine, Pharmacy, Science and Technology of Târgu Mureș, 10-14 decembrie 2018, vol de rezumate.
3. Brihan D, **Tero-Vescan A**, Hancu G - Determination of caffeine from dietary supplements for weight loss by capillary electrophoresis, a 4-a CONFERINȚĂ NAȚIONALĂ DE MEDICINĂ APLICATĂ LA EDUCAȚIA FIZICĂ ȘI SPORT „Iuliu Hațieganu”, 2018, vol de rezumate, p. 5-6.
4. Jitcă G, Ösz BE, **Tero-Vescan A**, Vari CE - Metabolic changes related to oxidative stress in athletes, a 4-a CONFERINȚĂ NAȚIONALĂ DE MEDICINĂ APLICATĂ LA EDUCAȚIA FIZICĂ ȘI SPORT „Iuliu Hațieganu”, 2018, vol de rezumate, p. 13-14.
5. Miklos A, **Tero-Vescan A**, Filip C, Oprea VC, Muntean DL – Selective androgen receptor modulators (SARMs) –between therapy and doping, a 4-a CONFERINȚĂ NAȚIONALĂ DE MEDICINĂ APLICATĂ LA EDUCAȚIA FIZICĂ ȘI SPORT „Iuliu Hațieganu”, 2018, vol de rezumate, p. 27-28.
6. Moldovan OL, Hancu G, **Tero-Vescan A**, Ungur M - Capillary electrophoresis screening of dietary supplements for weight loss in athletes regarding the content of yohimbine, ephedrine and sibutramine, a 4-a CONFERINȚĂ NAȚIONALĂ DE MEDICINĂ APLICATĂ LA EDUCAȚIA FIZICĂ ȘI SPORT „Iuliu Hațieganu”, 2018, vol de rezumate, p. 29-30.
7. Știrbăț AE, **Tero-Vescan A**, Miklos A, Updates about phytoestrogens and their effects on the skin, Marisiensis Scientific Congress 2018, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, Târgu Mureș, Romania, 28th of March – 1st of April 2018, AMM vol 64 (1): 78.
8. Moldovan OL, Morariu D, **Tero-Vescan A**, Ösz BE, Eating disorders caused by stress in rats. Correlations with the human species, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, Târgu Mureș, Romania, 28th of March – 1st of April 2018, AMM vol 64 (1): 78.
9. Pop DM, Ösz BE, **Tero-Vescan A**, The neuroendocrine side effects of ssri's - good or bad?, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, Târgu Mureș, Romania, 28th of March – 1st of April 2018, AMM vol 64 (1): 80.
10. Jitcă G, **Tero-Vescan A**, Ösz BE, To be thin or not to be fat, that is the question!, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, Târgu Mureș, Romania, 28th of March – 1st of April 2018, AMM vol 64 (1): 81.
11. Batrinu M, **Tero-Vescan A**, Miklos A, The influence of some chemical and 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.

12. Morariu D, Moldovan OL, **Tero-Vescan A**, Ősz BE, Glutamate: friend or foe? New biochemical metabolic aspects, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, Târgu Mureș, Romania, 28th of March – 1st of April 2018, AMM vol 64 (1): 85.

13. Ardelean TD, **Tero-Vescan A**, Ősz BE, Drug-induced sexual dysfunction in men, International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, Târgu Mureș, Romania, 28th of March – 1st of April 2018, AMM vol 64 (1): 86.

14. 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" Târgu Mureș, Romania May 4-5, 2018, AMM, vol 64 (21): 5.

15. 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" Târgu Mureș, Romania May 4-5, 2018, AMM, vol 64 (21): 10.

16. 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" Târgu Mureș, Romania May 4-5, 2018, AMM, vol 64 (21):12.

17. Muntean M, **Tero-Vescan A** – Dangerous interactions combining food supplements for weight loss with hypocaloric diets, International Congress for Students, Young Doctors and Pharmacists Marisiensis 29 March – 2 April 2017, AMM, vol 63 (1): 84.

18. Pop AA, Filip C, **Tero-Vescan A** – The involuntary associated risks of exposure to clenbuterol through alimentation, International Congress for Students, Young Doctors and Pharmacists Marisiensis 29 March – 2 April 2017, AMM, vol 63 (1): 129.

19. Batranu M, **Tero-Vescan A** – Allergenic potential of commercial detergents with enzymatic activity, International Congress for Students, Young Doctors and Pharmacists Marisiensis 29 March – 2 April 2017, AMM, vol 63 (1): 129-130.

20. Ardelean TD, **Tero-Vescan A**, Ősz BE – Letrozole use as recommended by summary of product characteristics or off label, International Congress for Students, Young Doctors and Pharmacists Marisiensis 29 March – 2 April 2017, AMM, vol 63 (1): 132.

21. Jitca G, **Tero-Vescan A**, Ősz BE – Theoretical considerations on amiodarone and desethylamiodarone toxicity in lipolysis conditions, International Congress for Students, Young Doctors and Pharmacists Marisiensis 29 March – 2 April 2017, AMM, vol 63 (1): 132.

22. Istrate (Duca) LL, **Tero-Vescan A**, Filip C – Beta alanine supplement for athletes or cosmetic ingredient?, International Congress for Students, Young Doctors and Pharmacists Marisiensis 29 March – 2 April 2017, AMM, vol 63 (1): 131-132.

23. 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" Târgu Mureș, Romania 3-4 November 2017, AMM, Vol 63(3):57.

24. Ardelean TD, Miklos A, **Tero-Vescan A**, Ősz 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" Târgu Mureș, Romania 3-4 November 2017, AMM, Vol 63(3):63-64

25. Jitcă 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" Târgu Mureș, Romania 3-4 November 2017, AMM, Vol 63(3):66

26. 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" Târgu Mureș, Romania 3-4 November 2017, AMM, Vol 63(3):67.

27. **Tero-Vescan A** - Food intake of omega 3 polyunsaturated fatty acids. Do we choose sources of vegetal or animal origin?, 2017, One Health International Journal, 3(Suppl),S40. p.40

28. Vari CE, Osz 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, p.81.
29. Podar D, **Tero-Vescan A** – Potential sources of Omega 3 polyunsaturated fatty acids in vegetarians, Scientific Session of University Educational Staff, 8-9 December 2016, AMM, vol 62 supl 8, p.108.
30. **Tero-Vescan A**, Vari CE, Imre S, Osz BE, Filip C, Ciulea L – Biochemical markers modified in athletes, The 2nd National Conference of Sports Nutrition, 2-3 noiembrie 2016 Tirgu Mures, AMM, vol 62 suplimentul 7 2016, p 10.
31. Osz BE, Vari CE, **Tero-Vescan A**, Imre S – Exercise and nutritional status – factors affecting the reproductive function in female professional athletes, The 2nd National Conference of Sports Nutrition, 2-3 noiembrie 2016 Tirgu Mures, AMM, vol 62 suplimentul 7 2016, p 8.
32. Vari CE, **Tero-Vescan A**, Imre S, Osz BE – Muscle proteic anabolism vs. reproductive toxicity. High protein diets and drug doping, The 2nd National Conference of Sports Nutrition, 2-3 noiembrie 2016 Tirgu Mures, AMM, vol 62 suplimentul 7 2016, p 11.
33. Filip C, **Tero-Vescan A** – Nutritional and biochemical proprieties of pseudocereals as dupplemnets for athletes, The 2nd National Conference of Sports Nutrition, 2-3 noiembrie 2016 Tirgu Mures, AMM, vol 62 suplimentul 7 2016, p 11.
34. Radoni R, **Tero-Vescan A** – The influence of restrictive diets on athletes’ performance, The 2nd National Conference of Sports Nutrition, 2-3 noiembrie 2016 Tirgu Mures, AMM, vol 62 suplimentul 7 2016, p 13.
35. Podar DM, **Tero-Vescan A**, Vancea S – LC MS/MS Method for fatty acids determination in red blood cell, International Congress for Students, Young Doctors and Pharmacists Marisiensis 30 martie-3 aprilie 2016, Acta Medica Marisiensis, vol 62, suplimentul 4, p93
36. Stroia A, Stroia A, **Tero-Vescan A**, Al Hussein SM – The Ability of Lidocaine to Improve Tolerability During Lips Augmentation Procedures, International Congress for Students, Young Doctors and Pharmacists Marisiensis 30 martie-3 aprilie 2016, Acta Medica Marisiensis, vol 62, suplimentul 4, p. 116-117.
37. Vari CE, Ösz BE, Imre S, **Tero-Vescan A**, Dogaru MT - Doping experimental model with aromatase inhibitors in the male rat, Congresul Național de Farmacie, ediția a XVI-a, 2016, vol de rezumate p.106. ISSN 2537-2823
38. **Tero-Vescan A**, Ștefănescu R, Ciulea L, Miklos A, Vari CE, Osz BE, Imre S - Biochemical bases of using active substances of vegetal origin in dietary supplements for weight loss, Congresul Național de Farmacie, ediția a XVI-a, 2016, vol de rezumate p.211. ISSN 2537-2823
39. Filip C, **Tero-Vescan A**, Greblă OB - Evaluation of some urinary biochemical parameters modified through long-term vegetarian diet, Congresul Național de Farmacie, ediția a XVI-a, 2016, vol de rezumate p.331. ISSN 2537-2823
40. Ösz BE, Vari CE, **Tero-Vescan A**, Dogaru MT - Dopamine neurotransmission and rat sexual behavior, Congresul Național de Farmacie, ediția a XVI-a, 2016, vol de rezumate p.104. ISSN 2537-2823
41. Hilochie AE, Hancu G, **Tero-Vescan A** - Cyclodextrins Screening For The Chiral Separation Of Sibutramine By Capillary Electrophoresis, International Congress for Students, Young Doctors and Pharmacists Marisiensis 30 martie-3 aprilie 2015, Acta Medica Marisiensis, vol 62, suplimentul 4, p88
42. **Tero-Vescan A**, Vari CE, Imre S, Ciulea L – Modifiable cardiovascular risk factors through diet in athletes, Scientific Session of University Educational Staff, 11 December 2015, Acta Medica Marisiensis, vol 61 supl 8, p 53
43. **Tero-Vescan A**, Hancu G, Vari CE, Imre S, Osz B, Ciulea L – Qualitative and quantitative analysis techniques of dietary supplements for athletes, The 1st National Conference of Sports Nutrition, 28-31 October 2015, AMM, p.8, ISSN 2068-3324.
44. Vari CE, Imre S, **Tero-Vescan A** – Pharmacological, Toxicological and Analythical Aspects of Medical Doping in Athlets, The 1st National Conference of Sports Nutrition, 28-31 October 2015, AMM, p.9, ISSN 2068-3324
45. Osz B, **Tero-Vescan A**, Imre S, Vari CE – Possibilities for monitoring reproductive toxicity on test animals and predicting outcomes in humans for doping substances or designer-type drugs, The 1st National Conference of Sports Nutrition, 28-31 October 2015, AMM, p.10, ISSN 2068-3324.

46. Imre S Esianu S, Dicher I, Tiuca I, Muntean DL, **Tero-Vescan A**, Oprean R – Qualitative analisys of some essential oils used to facilitate the percutaneous absorbtion of topical preparations in sports medicine, The 1st National Conference of Sports Nutrition, 28-31 October 2015, AMM, p.4, ISSN 2068-3324.
47. Podar D, **Tero-Vescan A**, Imre S - Acizii Grași Liberi Totali Versus Acizi Grași Polinesaturați În Diagnosticul Și Prognosticul Bolilor Cardiovasculare, Congresul Național al Studenților Farmacisti, Ediția a XIII-a, Universitatea de Medicină și Farmacie „Iuliu Hațieganu”, 1 – 5 aprilie 2015, Cluj – Napoca, vol de rezumate
48. **Tero-Vescan A**, Vari CE, Imre S, Dobreanu M - Omega 3 Index Versus The Ratio Omega3 / Omega6 Predictors in The Development of Cardiovascular Disease? Practical Determination Possibilities, Acta Medica Marisiensis, 2014, vol 60 supl 4, p 120, Sesiunea cadrelor Didactice UMF Târgu Mureș 8-12 decembrie 2014 ISSN: 2247-6113.
49. Filip C, **Tero-Vescan A** - The Effect Of Dietary Omega-3 Fatty Acids On Serum Triglycerides, Acta Medica Marisiensis, 2014, vol 60 supl 4, p 82-83, Sesiunea cadrelor Didactice UMF Târgu Mureș 8-12 decembrie 2014 ISSN: 2247-6113.
50. Vari CE, **Tero-Vescan A**, Imre S – Lifestyle of zoung reflected in the pathologz of the elderly, Acta Medica Marisiensis, 2014, vol 60 supl 4, p 118, Sesiunea cadrelor Didactice UMF Târgu Mureș 8-12 decembrie 2014 ISSN: 2247-6113
51. Imre S, Muntean DL, Baci A, **Tero-Vescan A**, Vari CE - HPLC Chiral Separation of Some β -Blockers on Ovomucoid Stationary Phase Separarea chirală prin HPLC a unor β -blocante pe fază staționară cu ovomucoid, CNFR Iași 24-27 septembrie 2014, volum de rezumate p 333 (ISBN 978-606-544-252-8)
52. **Tero-Vescan A**, Vari CE, Imre S, Filip C - Evaluarea conținutului în sildenafil, tadalafil, vardenafil a unor suplimente și medicamente achiziționate de pe internet Evaluation of Sildenafil, Tadalafil, Vardenafil Content of Some Dietary Supplements and Medicines Purchased on the Internet, CNFR Iași 24-27 septembrie 2014, volum de rezumate p 344 (ISBN 978-606-544-252-8)
53. **Tero-Vescan A**, Vari CE, Imre S, Ciulea L, Filip C. *Identifying the most important dietary supplements for wheight loss and the most commonly used diets based on a questionnaire*, Scientific Session of University Educational Staff, 9 – 13 December 2013, Acta Medica Marisiensis, 2013, 59(4): 57-58, ISSN: 2247-6113.
54. Roiban F, **Tero-Vescan A**, Nistor C. *The incidence of β -lactam and tetracycline in raw milk from Transylvania area*, Acta Medica Marisiensis, The 17th International Scientific Congress for Students, Young Physicians and Pharmacists 17–21 April 2013, 59(1): 62-63, ISSN: 2247-6113.
55. Nistor C, **Tero-Vescan A**, Abram Z. *Rapid HPLC method with fluorescence detection for the screening of fluoroquinolones in milk*, Zilele Universității de Medicină și Farmacie din Târgu-Mureș, 13-15 December 2012, Acta Medica Marisiensis, Book of Abstracts, p15, ISSN: 2247-6113.
56. Nistor C, **Tero-Vescan A**, Ureche R. *Validarea unei metode HPLC pentru determinarea ciprofloxacinei și a norfloxacinei din lapte*, "Actualități și perspective în cercetarea farmaceutică", Craiova, 26- 28 septembrie 2012, vol de rezumate p.72-73, ISBN 978-606-11-2833-4
57. Nistor C, Oșan A, **Tero-Vescan A**. *Influence of F on lactic fermentation*, The 65th Anniversary of the Târgu Mureș University of Medicine and Pharmacy, December 15-18 2010, Acta Medica Marisiensis, 56(3):65, ISSN: 2247-6113.
58. **Tero-Vescan A**, Vari CE, Cotoi OS, Oșan A, Dogaru MT. *Study of the phytoestrogenic effect of genistein on female ovariectomised rats*, Acta Medica Marisiensis 2010, The XIVth National Congress of Pharmacy 13-16 Octombrie 2010, vol 56(2):91.
59. Oșan A, **Tero-Vescan A**. *Rapid high-performance liquid chromatographic method for the analysis of sodium benzoate and sorbic acid in foods*. Acta Medica Marisiensis 2010, The XIVth National Congress of Pharmacy 13-16 Octombrie 2010, vol 56(2):49.
60. **Tero-Vescan A**, Imre S, Vari CE, Oșan A, Dogaru MT, Muntean DL. *Determination of genistein, daidzein and daidzin from Genista tinctoria L by HPLC-UV*. Revista de Medicină și Farmacie 2008, Sesiunea de comunicări științifice, 13-14 decembrie 2008, p.210, ISSN 1221-2229
61. **Tero-Vescan A**, Oșan A, Popa A. *Biochemical studies of oxidases copper dependent from Genista tinctoria L*. Revista de Medicină și Farmacie 2007, Sesiunea de comunicări științifice, 13-14 decembrie 2007, p.198, ISSN 1221-2229
62. **Tero-Vescan A**, Oșan A. *Metabolic balance of urinary lithyazic patient*. Congresul Național de Farmacie, ed XIII, 28-30 sept 2006 Cluj-Napoca, volum de rezumate, p.280

63. **Tero-Vescan A**, Oșan A, Codreanu II. *Implicații metabolice în litiaza urinară*. Revista de Medicină și Farmacie 2005, Sesiunea științifică aniversară, 16-17 decembrie 2005, p.385, ISSN 1221-2229
64. **Tero-Vescan A**, Imre S, Csedő C, Oșan A. *Analize preliminare fitochimice privind conținutul în flavonoide al speciei *Genista tinctoria* L (drobiță)*. Revista de Medicină și Farmacie 2004, Simpozionul Farmaceutica Marisiensis 7-9 Octombrie 2004 Târgu Mureș, p.347-348, ISSN 1221-2229

Proiecte de cercetare pe bază de contract/granturi

Proiecte de mobilități câștigate prin competiție

- Contract nr. 39/7 August 2019, Autoritatea finanțatoare UEFISCDI, Programul PN III Dezvoltarea sistemului național de cercetare - dezvoltare, subprogramul Resurse Umane, Proiecte de mobilitate pentru cercetători, Universitatea contractantă: Universitatea de Medicină, Farmacie, Științe și Tehnologie „George Emil Palade” din Târgu Mureș, director de proiect: **Tero-Vescan A**, valoare proiect 13640 RON, perioada de desfășurare 1-5 Septembrie 2019.
- Contract nr. 41/7 August 2019, Autoritatea finanțatoare UEFISCDI, Programul PN III Dezvoltarea sistemului național de cercetare - dezvoltare, subprogramul Resurse Umane, Proiecte de mobilitate pentru cercetători, Universitatea contractantă: Universitatea de Medicină, Farmacie, Științe și Tehnologie „George Emil Palade” din Târgu Mureș, director de proiect: **Tero-Vescan A**, valoare proiect 8360 RON, perioada de desfășurare 7 – 8 Septembrie 2019.
- Contract nr. 597/18 Decembrie 2017, Autoritatea finanțatoare UEFISCDI, Programul PN III Dezvoltarea sistemului național de cercetare - dezvoltare, subprogramul Resurse Umane, Proiecte de mobilitate pentru cercetători, Universitatea contractantă: Universitatea de Medicină și Farmacie Târgu Mureș, **director de proiect: Tero-Vescan A**, valoare proiect 16500 RON, perioada de derulare 1 Septembrie 2017 – 31 Martie 2018.
- Contract nr. 88/19 Iunie 2018, Autoritatea finanțatoare UEFISCDI, Programul PN III Dezvoltarea sistemului național de cercetare - dezvoltare, subprogramul Resurse Umane, Proiecte de mobilitate pentru cercetători, Universitatea contractantă: Universitatea de Medicină și Farmacie Târgu Mureș, **director de proiect: Tero-Vescan A**, valoare proiect 14300 RON, perioada de derulare 26 – 30 Noiembrie 2018.
- Contract nr. 13/2008 „Studiul fitochimic al speciei *Genista tinctoria* L.(drob) indigenă, fam. Fabaceae”, Autoritatea finanțatoare CNCIS, programul Resurse Umane, Proiecte de mobilitate a doctoranzilor - tip MD, Universitatea contractantă: Universitatea de Medicină și Farmacie Târgu Mureș, **director de proiect: Tero-Vescan A**, valoare proiect 8000 RON, perioada de derulare 1 Iunie-31 august 2008.

Granturi de cercetare

- „Produse medicale și suplimente alimentare contrafăcute din România – identificarea rapidă a unor contaminanți sintetici des utilizați”, contract nr 1091/6/30.01.2013, Competiția Internă pentru Granturi de Cercetare Științifică – Sesiunea 2012, Universitatea contractantă: Universitatea de Medicină și Farmacie Târgu Mureș **director de proiect: Tero-Vescan A**, valoare proiect 22500 RON, perioada de derulare 30 Ianuarie 2013 – 30 Iunie 2014.
- „Studiul fitochimic al speciei *Genista tinctoria* L.(drob) indigenă, fam. Fabaceae”. Contract nr. 518/1.10.2007 Autoritatea finanțatoare CNCIS, programul Resurse Umane, Proiecte de cercetare pentru tineri doctoranzi - tip TD, Universitatea contractantă: Universitatea de Medicină și Farmacie Târgu Mureș, **director de proiect: Tero-Vescan A**, valoare proiect 35000 RON, perioada de derulare 1 Octombrie 2007-31 Martie 2009.
- „Centru pilot de monitorizare a farmacoterapiei după criteriul farmacocinetic în cadrul Laboratorului de Testare a Medicamentului Târgu Mureș”, Programului din PN II: capacități, Contract nr: 141/cp/I/2007, Director de proiect: Prof. Dr. Maria Titica Dogaru, **membru în echipa de cercetare**

Conf Dr.
Amelia Tero-Vescan