

# LISTĂ LUCRARI

1. Teză de Doctorat: „Studiul farmacognostic al speciilor de *Melampyrum indigene*”  
2007,

2. Cărți:

- **Melania Florina Munteanu** “ Studiul farmacognostic al speciilor de “*Melampyrum indigene*”  
Ed. Edy Optic Ltt -2006, ISBN (10) 973 - 87775 – 6 – 9; ISBN (13) 978 – 973 - 87775 – 6 – 9;  
pag. 112
- **Melania Florina Munteanu** “Propedeutică farmaceutică” Ed.Gutenberg Univers – 2011,  
ISBN 978-606-8204-35-2; pag. 110
- **Melania Munteanu** “ Noțiuni practice de laborator clinic” ISBN 978-973-0-21640-0, 84 pag,  
Ed. Carmel Print & Design

3. Articole indexate ISI/BDI

2022

Svetlana Trifunsi, Corina Aurelia Zugravu, **Melania Florina Munteanu**, Florin Borcan, Elena Narcisa Pogurschi “Determination of the Ascorbic Acid Content and the Antioxidant Activity of Different Varieties of Vegetables Consumed in Romania, from Farmers and Supermarkets” Sustainability 2022, 14(21), 13749; <https://doi.org/10.3390/su142113749> IF 3.88

2021

Elena Narcisa Pogurschi, Corina Aurelia Zugravu, Ioan Nicolae Ranga, Svetlana Trifunsi, **Melania Florina Munteanu**, Dana Catalina Popa, Minodora Tudorache, Ioan Custura „Determination of Acrylamide in Selected Foods from the Romanian Market” Foods 2021, 10, 2110. <https://doi.org/10.3390/foods10092110> IF 4.12

Daniela Hanganu , Mihaela Niculae , Irina Ielciu , Neli-Kinga Olah , **Melania Munteanu** , Ramona Burtescu , Răzvan Ștefan , Loredana Olar , Eموke Pall , Sanda Andrei , Dan C Vodnar , Daniela Benedec , Ilioara Oniga Chemical Profile, „Cytotoxic Activity and Oxidative Stress Reduction of Different *Syringa vulgaris* L. Extracts” Molecules. 2021 May 22;26(11):3104. <https://doi.org/10.3390/molecules26113104> IF 4.41

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SVETLANA TRIFUNSCHI, **MELANIA FLORINA MUNTEANU** "Synthesis, Characterization and Antioxidant Activity of Cooper-Quercetin Complex and Iron-Quercetin Complex", REV.CHIM.(Bucharest)♦69♦No. 10 ♦2018 <http://www.revistadechimie.ro>, pag. 2621-2624 IF 1.35

2017

SVETLANA TRIFUNSCHI, **MELANIA F. MUNTEANU**, ELENA POGURSCHI, RAMONA GLIGOR "Characterisation of Polyphenolic Compounds in Viscum album L. and Allium sativum L. extracts" REV.CHIM.(Bucharest)♦68♦No. 7 ♦2017 <http://www.revistadechimie.ro> pag. 1677 – 1680 IF 1.35

Valentina Buda, Minodora Andor, Lucian Petrescu, Carmen Cristescu , Dana Emilia Baibata, Mirela Voicu, **Melania Munteanu**, IoanaCitu, CalinMuntean, Octavian Cretu, Mirela Cleopatra Tomescu " Perindopril Induces TSP-1 Expression in Hypertensive Patients with Endothelial Dysfunction in Chronic Treatment" Int. J. Mol. Sci. 2017, 18, 348; doi:10.3390/ijms18020348, IP 3.21 <http://www.mdpi.com/1422-0067/18/2/348>

**Melania F. Munteanu**, Aurel Ardelean, Florin Borcan, Svetlana I. Trifunschi, RamonaGligor, Simona A. Ardelean, DorinaCoricovac, Iulia Pinzaru, Florina Andrica, Livia-Cristina Borcan "Mistletoe and Garlic Extracts as Polyurethane Carriers – A Possible Remedy for Choroidal Melanoma" Current Drug Delivery, 2017, 14, DOI: 10.2174/1567201814666170126113231 IP 1.44

2016

Svetlana I. Trifunschi, **Melania F. Munteanu**, Viorel-Eduard Orasan-Alic, Florina SisinieGligor-Dinca, Ramona Gligor „A Comparative Study of the Antioxidant Activity of Garlic and Mistletoe Extracts" REV.CHIM.(Bucharest)♦67♦No.3 ♦2016 <http://www.revistadechimie.ro> IF 1.35

2015

Mariana-Atena Poiana, Ersilia Alexa, **Melania-Florina Munteanu**, Ramona Gligor, Diana Moigradean, Constantin Mateescu" Use of ATR-FTIR spectroscopy to detect the changes in extra virgin olive oil by adulteration with soybean oil and high temperature heat treatment" Open Chem., 2015; 13: 689–698 IF: 1.09

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Sergiu Adrian Chicu, **Melania Munteanu**, Ioana Cîtu, Codruta Șoica, Cristina Dehelean, Cristina Trandafirescu, Simona Funar-Timofei, Daniela Ionescu, Georgeta Maria Simu „The

Hydractiniaechinata Test-System. III: Structure-Toxicity Relationship Study of Some Azo-, Azo-Anilide, and Diazonium Salt Derivatives” *Molecules*. 2014 19, 9798-9817; doi:10.3390/molecules19079798 IF : 2.42

Soica C, Oprean C, Borcan F, Danciu C, Trandafirescu C, Coricovac D, Crăiniceanu Z, Dehelean CA, **Munteanu M.** „The synergistic biologic activity of oleanolic and ursolic acids in complex with hydroxypropyl- $\gamma$ -cyclodextrin” *Molecules*. 2014 Apr 17;19(4):4924-40. doi: 10.3390/molecules19044924. IF : 2.42

## 2013

Mariana-Atena Poiana, **Melania-Florina Munteanu**, Despina-Maria Bordean, Ramona Gligor and Ersilia Alexa „Assessing the effects of different pectins addition on color quality and antioxidant properties of blackberry jam” *Chem Cent J*. 2013 Jul 15;7:121. doi: 10.1186/1752-153X-7-121. eCollection 2013. IF:1.31

Corina Danciu, Alexandra Falamas, Cristina Dehelean, Codruta Soica, Heinfried Radeke, Lucian Barbu-Tudoran, Florina Bojin, Simona Cîntă Pînzaru, **Melania F Munteanu** „A characterization of four B16 murine melanoma cell sublines molecular fingerprint and proliferation behavior” *Cancer Cell Int*. 2013 Jul 26;13:75. doi: 10.1186/1475-2867-13-75. eCollection 2013. IF: 2.09

## 2012

Florin Borcan, Codruta M Soica, SrinvasGanta, Mansoor M Amiji, Cristina A Dehelean, **Melania F Munteanu** „ Synthesis and preliminary in vivo evaluations of polyurethane microstructures for transdermal drug delivery” *Chem Cent J*. 2012 Aug 14;6(1):87. doi: 10.1186/1752-153X-6-87. IF: 1.31

Cristina A Dehelean, Codruta Soica, Ionut Ledeti, Mihaela Aluas, Istvan Zupko, Atena Galuscan, Simona Cinta-Pinzaru, **Melania Munteanu** „Study of the betulin enriched birch bark extracts effects on human carcinoma cells and ear inflammation” *Chem Cent J*. 2012 Nov 19;6(1):137. doi: 10.1186/1752-153X-6-137. IF: 1.31

## 2011

**Melania F. MUNTEANU**, Laurian VLASE” The Determination of the Iridoids from the *Melampyrum* species by Modern Chromatographic Methods” *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*; 2011, 39(1):79-83; ISSN 0255-965X; Electronic 1842-4309; Available online at [www.notulaeobotanicae.ro](http://www.notulaeobotanicae.ro) IF 0.65

## 2008

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AND *MELAMPYRUM CRISTATUM* L. (SCROPHULARIACEAE)" FARMACIA, vol.4, 2008, ISSN 0014-8237, pp 380 -392

CRISTINA MOGOȘAN, **MELANIA FLORINA MUNTEANU**, OLIVIU VOȘTINARU "A COMPARATIVE STUDY ON THE DIURETIC, SALURETIC AND URICOSURIC EFFECTS OF THE TINCTURES FROM *MELAMPYRUM BIHARIENSE* KERN AND *MELAMPYRUM CRISTATUM* L. (SCROPHULARIACEAE)" FARMACIA, vol.2, 2008, ISSN 0014-8237, pp 191-194

#### 4. Articole publicate ISI Proceedings și prezentate la Congrese internaționale

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Svetlana Trifunsch, **Melania F. Munteanu** "DETERMINATION OF HEAVY METAL CONTENT IN VARIOUS LOCATIONS IN THE SATU-MARE AREA, ROMANI" International Journal of Advance and Innovative Research Volume 9, Issue 3 (II) July - September 2022, pag. 37 – 42

2019

Elena Narcisa Pogurschi, Nicoleta Daniela Sârbu, Carmen Georgeta Nicolae, Corina Aurelia Zugravu, Iulian Vlad, Marius Maftai, Monica Paula Marin, **Melania-Florina Munteanu** „Beneficial uses of chromium in laying hens nutrition: a review" D. Animal Science. Vol.LXII, No.2, 2019

2018

Elena Pogurschi, **Melania-Florina Munteanu**, Carmen Nicolae, Monica Paula Marin, Corina Aurelia Zugravu „RURAL-URBAN DIFFERENCES IN MEAT CONSUMPTION IN ROMANIA" D. Animal Science. Vol.LXI, No.2, 2018

2013

Simona Antanas, Aurel Lazureanu, **Melania F. Munteanu**, Ersilia Alexa, Monica Negrea, "The influence of fertilizers upon physical-chemical properties and nutritional values of Goruntriticoșcale variety grown in West Romania", " European Biotechnology Congress" to be held in Slovakia on 16-18 May, 2013, Current Opinion in Biotechnology 2013, [www.sciencedirect.com](http://www.sciencedirect.com)

**Melania F. Munteanu**, Ramona Gligor, Ersilia Alexa, Mariana A. Poiana, Melinda Onet, "Determination of the nutritional properties from grape seed flour"; " European Biotechnology Congress" to be held in Slovakia on 16-18 May, 2013, Current Opinion in Biotechnology 2013, [www.sciencedirect.com](http://www.sciencedirect.com)

Melinda Onet, Ramona Gligor, **Melania F Munteanu** "The influence of the *Melampyrum cristatum* and *Salviae officinalis* tinctures on the *Candida* sp. in the oral cavity";

„European Biotechnology Congress" to be held in Slovakia on 16-18 May, 2013, Current Opinion in Biotechnology 2013, [www.sciencedirect.com](http://www.sciencedirect.com)

## 5. Aricole comunicate la Congrese naționale și internaționale

2016

Valentina Buda, Cleopatra Tomescu, Carmen Cristescu, Mirela Voicu, Liana Suciu, Calin Muntean, **Melania Munteanu**, Emilia Dana Baibata, Minodora Andor “Pentraxin 3, Thrombospondin-1 and Endoglin plasma levels in hypertensive patients treated with Angiotensin II Receptor Antagonists” The 4th International Conference on PreHypertension, Hypertension and Cardio Metabolic Syndrome, 3-6 March 2016, Venice, Italy

**Melania F. Munteanu**, Ramona Gligor, Lavinia-Cristina Borcan, Florin Borcan „Influence of some herbal extracts on the occupational lung disease” 2th International Conference and Exhibition on Pharmacology and Ethnopharmacology, Chicago May 02-04. 2016 ClinExpPharmacol 2016

**Melania F Munteanu**, Viorel-Eduard Orașan-Alic, Svetlana I Trifunsi, Simona A Ardelean, Dorina Coricovac, Livia-Cristina Borcan and Florin Borcan “Study on different penetrability of nano- and microparticles” 8th International Conference and Exhibition on Pharmaceutics & Novel Drug Delivery Systems” Madrid 07-09. 2016 Pharm Anal Acta 2016, 7:1 (Suppl), <http://dx.doi.org/10.4172/2153-2435.C1.028>

2015

**Melania F. Munteanu**, Svetlana Trifunsi, Simona Alexandrina Pinte (Ardelean), Vlad Agotici, Ramona Gligor „ Synthesis and characterization of polyurethane nanostructures used as carrier for garlic and mistletoe”, 5th International Conference and Exhibition on Pharmaceutics & Novel Drug Delivery Systems, Dubai, 16 -18.03.2015, Pharmaceutica Analytica Acta

2014

**Melania Florina Munteanu**, Ersilia Alexa, Mariana Poiana, Ramona Gligor, Crîșnicloan, Renata Sumalan „The possibility to reduce OTA contamination in the flour milling and baking industries” European Biotechnology Congress" to be held in Lecce on 15 -18 May, 2014, Journal of Biotechnology

**Melania Florina Munteanu**, Svetlana Trifunsi, Ramona Gligor, Simona Pinte (Ardelean), V. Agotici „The Obtaining and Nanoencapsulation of Mistletoe and Garlic Extracts and Their

Possible Application in the Treatment of the Melanoma of the Choroid "Volum de rezumate  
ISBN 978-606-544-252-8 Editura „Gr. T. Popa”, U.M.F. Iasi, 2014, Congresul Național de  
Farmacie din România, ediția a XV-a

2013

**Munteanu F. Melania**, Popa Carmen, Crîsnicloan, Gligor Ramona „Influența antidepresivelor  
asupra permeabilității membranelor celulare” Revista Română de Medicină de Laborator,  
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cultivated in A rad country, Romania” 43 rd International symposium on essential oils”5 to  
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C Peev , S Cupara , L Vlase , S Feflea , T Corina , **M Munteanu** ; Ligusticum mutellina (L.)  
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and Natural Product Research; ISSN 0032-0943; P268; 2010

## 6. Articole publicate BDI

2016

**Munteanu Melania Florina**, Ramona Gligor, Elena Narcisa Pogurschi, Svetlana Trifunski  
“THE IMPORTANCE OF POLYPHENOLS IN THE DIET” Analele Universității din Oradea,  
Fascicula: Ecotoxicologie, Zootehnie și Tehnologii de Industrie Alimentară, Vol. XV/B Anul 15,  
2016, pp 277-284

**Melania Florina Munteanu**, Ramona Gligor, Elena Narcisa Pogurschi, Svetlana Trifunski  
“DIURETIC ACTIVITY OF FICUS CARICA L. EXTRACTS” Analele Universității din Oradea,  
Fascicula: Ecotoxicologie, Zootehnie și Tehnologii de Industrie Alimentară Vol. XV/A,  
2016, pp 75-82

Viorel Orasan Alic, Maria Orodan, Aurelia Hulbar, **Melania Munteanu** , Corina Borza, Irina  
Orasan Alic, Annamaria Pallag, Gyongyi Osser, Mihancea Petru, Vasile Goldis Western  
University of Arad, Faculty “FEATURES RELATED TO COEXISTING MEDICAL COMORBIDITIES”  
Analele Universității din Oradea, Fascicula: Ecotoxicologie, Zootehnie și Tehnologii de  
Industria Alimentară, Vol. XV/B Anul 15, 2016, pp 173-178

2015

Svetlana Trifunshi, **Melania Florina Munteanu**, Vlad Agotici, Simona Pinte (Ardelean) and Ramona Gligor „Determination of Flavonoid and Polyphenol Compounds in Viscum Album and Allium Sativum Extracts” International Current Pharmaceutical Journal, April 2015, 4(5): 382-385 <http://www.icpjonline.com/documents/Vol4Issue5/01.pdf>

Svetlana I. Trifunchi, **Melania Florina Munteanu**, DorinaG.Ardelean, Maria Orodan, Gyongyi M. Osser, Ramona Gligor “ Flavonoids and polyphenols content and antioxidant activity of Ficus carica L. extract from Romania”, Matita Srpska Journal for Natural Sciences, 2015; YU ISSN 0352-4906 UDK 5/6; 57 -65

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Robert DUKA , **Melania MUNTEANU** „THE EFFICIENCY OF ADMINISTERING DRUGS THROUGH TRANSDERMIC SYSTEMS” Studia Universitatis “Vasile Goldiș”, Seria Științele Vieții, Vol. 22, issue 4, 2012 pp. 537-541

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**M.F. Munteanu**, D. Ionescu, C. Peev, M. Butnariu, C. A. Dehelean “ An Evaluation of Heavy Metals Concentration in Edible Vegetables Grown Around Arad Area “Journal of Agroalimentary Processes and Technologies 2011, 17(1), 36-41; Available online at <http://journal-of-agroalimentary.ro>

**M. F. Munteanu**, P. Tuduce, A. M. Dărăban, C. Pribac “ Phytotherapy, an alternative in the treatment of rheumatic infections” Studia Universitatis “Vasile Goldiș” , Seria Științele Vieții Vol. 21, issue 3, Jul.-Sep. 2011, pp. 547-550

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**Melania Florina Munteanu**, Laurean Vlase, Claudia Toma "PHYTOCHEMICAL STUDY OF FLAVONOIDES FROM *MELAMPYRUM CRISTATUM* L. SPECIES" 4th Meeting on Chemistry and Life Chemickelisty, The official jornal of Czech Chemical Society, vol 102, special issue 15, 2008, ISBN 1803 – 2389, pp 739-741

7. Proiect intern – Obținerea unor picături de ochi din extracte de usturiu și vâsc nanoencapsulate - un posibil remediu în melanomul de coroidă Pi5/21.07.2014 – project manager