

Nume Prenume: NEGREA MONICA-VIORICA

Gradul didactic: Șef lucrări

Instituția unde este titular: USVT

Facultatea: FIA

Departamentul: TA

## L I S T A

### lucrărilor științifice în domeniul disciplinelor din postul didactic

#### A. Teza de doctorat/Teză de abilitare

##### Teza de Doctorat:

*Cercetări privind monitorizarea conținutului de nitriți și nitrați în principalele legume : salată, spanac, morcov și varză cultivate în condițiile din vestul României*, Data susținerii : 20.10. 2009, Diploma de doctor seria G nr. 0006832, în baza Ordinului Ministrului Educației, Cercetării și Inovării nr. 6026 din 27.11.2009. conducător de doctorat: Prof.dr.ing. Aurel Lăzureanu.

#### B. Cărți și capitole în cărți publicate în ultimii 10 ani (2013-2022)

1. **Negrea Monica**, *Capitolul 3. Legislație la nivel național și european privind valorificarea subproduselor din industria alimentară* în Alexa Ersilia (coordonator), "Strategii privind valorificarea subproduselor horticoale și agricole în tehnologia alimentelor funcționale în contextul economiei circulare", Editura Eurobit, 2021, Timișoara, ISBN 978-973-132-821-8, 221 pag.
2. **Negrea Monica**, *Chapter 3. Legislation at national and european level regarding the valorization of food processing by-products* in Alexa Ersilia (coordonator), "Strategies regarding the valorization of horticultural and agricultural by-products as functional foods in the context of a circular economy", Editura Eurobit, 2021, Timișoara, ISBN 978-973-132-822-5, 215 pag.
3. Alexa Ersilia (coordonator), *Alimentele hipoglicidice și extractele din plante în managementul diabetului*, ISBN 978-973-142-675-7, Editura Eurobit Timișoara, 2020, 167 pag, Capitolele 1-7:  
**Capitolul 1. Diabetul zaharat - clasificare și patogeneză. Complicații ale diabetului. Incidența bolilor diabetice în Europa:** Dehelean Cristina, Soica Codruta, Pinzaru Iulia, Coricovac Dorina, Giancarlo Statti, Filomena Conforti, Istvan Zupko, Hunyadi Attila, Tímea Gonda, Ria Benkő, Péter Doró, Renáta Minorics, Veronika Verseggy, Rita TakácsSzögi, Pop Georgeta, Alexa Ersilia, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana, Voica Daniela, Avram Dana, Pavel Virgil;  
**Capitolul 2. Importanța dietei hipoglicidice și a extractelor în bolile diabetice. Etape și strategii de inovare în ceea ce privește produsele hipoglicidice și extractele naturale:** Dehelean Cristina, Soica Codruta, Pinzaru Iulia, Coricovac Dorina, Giancarlo Statti, Filomena Conforti, Istvan Zupko, Hunyadi Attila, Tímea Gonda, Ria Benkő, Péter Doró, Renáta Minorics, Veronika Verseggy, Rita TakácsSzögi, Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana, Voica Daniela, Avram Dana, Pavel Virgil;  
**Capitolul 3. Alimente noi destinate consumatorilor diabetici. Alimente hipoglicidice și suplimente din extracte de plante. Definiție. Funcții nutriționale și fiziologice. Efectele alimentelor hipoglicidice asupra gestionării diabetului. Indicele glicemic și rolul în dieta hipoglicidică:** Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana Voica Daniela, Avram Dana, Pavel Virgil;  
**Capitolul 4. Etape necesare în proiectarea unui aliment hipoglicidic. Legislația la nivel național și european privind obținerea, caracterizarea, aprobarea și înregistrarea:** Voica Daniela, Avram Dana, Pavel Virgil, Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana;  
**Capitolul 5. Alimente hipoglicidice pe bază de cereale. Caracteristicile fizico-chimice și nutriționale ale cerealelor. Caracteristici tehnologice ale alimentelor pe bază de cereale. Rolul fiziologic și nutrițional al produsului proiectat. Produse obținute în România, Italia și Ungaria:** Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana Voica Daniela, Avram Dana, Pavel Virgil;

- Capitolul 6.** *Alimente hipoglicidice pe bază de leguminoase. Caracteristicile fizico-chimice și nutritive ale leguminoaselor. Caracteristici tehnologice ale alimentelor pe bază de leguminoase. Rolul fiziologic și nutrițional al produsului proiectat. Produse obținute în România, Italia și Ungaria:* Pop Georgeta, Alexa Ersilia, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana Voica Daniela, Avram Dana, Pavel Virgil;
- Capitolul 7.** *Alimente hipoglicidice pe bază de fructe. Caracteristicile fizico-chimice și nutritive ale fructelor. Caracteristici tehnologice ale alimentelor pe bază de fructe. Rolul fiziologic și nutrițional al produsului proiectat. Produse obținute în România, Italia și Ungaria:* Poiana Mariana, Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Cocan Ileana, Popescu Iuliana Voica Daniela, Avram Dana, Pavel Virgil.
4. Alexa Ersilia (coordinator) *Management of diabetic disease using hypoglycemia foods and plant extract*, ISBN 978-973-132-676-4, Eurobit Publishing House, Timisoara, 167 pg, **Chapters 1-7:**
- Chapter 1.** *Diabetes mellitus - classification and pathogenesis. Complications of diabetes. The incidence of diabetic disease in Europe :* Dehelean Cristina, Soica Codruta, Pinzaru Iulia, Coricovac Dorina, Giancarlo Statti, Filomena Conforti, Istvan Zupko, Hunyadi Attila, Tímea Gonda, Ria Benkő, Péter Doró, Renáta Minorics, Veronika Verseghy, Rita TakácsSzögi, Pop Georgeta, Alexa Ersilia, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana, Voica Daniela, Avram Dana, Pavel Virgil;
- Chapter 2.** *The importance of hypoglycemic diet and extracts in diabetic disease. Steps and strategies for innovation in the hypoglycemic foods and extracts.* Dehelean Cristina, Soica Codruta, Pinzaru Iulia, Coricovac Dorina, Giancarlo Statti, Filomena Conforti, Istvan Zupko, Hunyadi Attila, Tímea Gonda, Ria Benkő, Péter Doró, Renáta Minorics, Veronika Verseghy, Rita TakácsSzögi, Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana, Voica Daniela, Avram Dana, Pavel Virgil;
- Chapter 3.** *Novel foods targeted to consumers with diabet disease. Hypoglycemic foods and plant extract supplements. Definition. Nutritional and physiological functions. The effects of hypoglycemic foods on management of diabetic disease. Glycemic index and the role in hypoglycemic diet.* Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana Voica Daniela, Avram Dana, Pavel Virgil;
- Chapter 4.** *Necessary steps in designing a hypoglycemic food. Legislation at national and European level regarding the obtaining, characterization, approval and registration of hypoglycemic foods:* Voica Daniela, Avram Dana, Pavel Virgil, Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana;
- Chapter 5.** *Cereal based hypoglycemic foods. Physical-chemical and nutritional characteristics of cereals. Technological features of cereal based foods. Physiological and nutritional role of designed products:* Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana Voica Daniela, Avram Dana, Pavel Virgil;
- Chapter 6.** *Leguminous based hypoglycemic foods. Physical-chemical and nutritional characteristics of leguminous. Technological features of leguminous based foods. Physiological and nutritional role of designed products:* Pop Georgeta, Alexa Ersilia, **Negrea Monica**, Poiana Mariana, Cocan Ileana, Popescu Iuliana Voica Daniela, Avram Dana, Pavel Virgil;
- Chapter 7.** *Fruits based hypoglycemic foods. Physical-chemical and nutritional characteristics of fruits. Technological features of fruits based foods. Physiological and nutritional role of designed products:* Poiana Mariana, Alexa Ersilia, Pop Georgeta, **Negrea Monica**, Cocan Ileana, Popescu Iuliana Voica Daniela, Avram Dana, Pavel Virgil.
5. **Negrea Monica Viorica**, *Comportamentul consumatorului: manual pentru uzul studenților*, ISBN 978-606-785-120-5, Editura Agroprint, 2019, 137 pagini.
6. **Negrea Monica Viorica**, *Caiet de seminarii pentru disciplina Comportamentul consumatorului*, ISBN 978-973-132-556-9, Editura Eurobit, 2019, 76 pagini.
7. Alexa Ersilia, Radulov Isidora, Pop Georgeta, Sumalan Renata, **Negrea Monica**, *Strategies regarding preventing and reducing the effect of fungal contamination on the cereals quality and food safety*, ISBN 978-973-132-552-1, Editura Eurobit, 2019, 148 pagini.
8. Alexa Ersilia, Radulov Isidora, Pop Georgeta, Sumalan Renata, **Negrea Monica**, *Strategii privind prevenirea si reducerea efectului contaminării fungice asupra calității cerealelor și a siguranței alimentare*, ISBN 978-606-785-118-2, Editura Agroprint, 2019, 121 pagini.

**C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani (2013-2022)****C.1. Lucrări indexate ISI (cu factor de impact)**

1. Cocan Ileana; Cadariu Andreea-Ioana; **Negrea Monica\***; Alexa Ersilia; Obistioiu Diana; Radulov Isidora; Poiana Mariana-Atena, **2022**, Investigating the Antioxidant Potential of Bell Pepper Processing By-Products for the Development of Value-Added Sausage Formulations, *Applied Sciences*, 12(23), 12421; <https://doi.org/10.3390/app122312421>, (Q2 -galben).
2. Cadariu Andreea, Cocan Ileana, **Monica Negrea**, Alexa Ersilia, Obiștioiu Diana, Hotea Ionela, Radulov Isidora and Poiană Mariana-Atena, **2022**, Exploring the potential of tomatoes processing byproduct as natural antioxidant in reformulated nitrite-free sausages, *Sustainability*, 14(19), 11802; <https://doi.org/10.3390/su141911802>, WOS:000867306600001, (Q2 -galben).
3. Alexa Ersilia, Bota Voichita, Sumalan Renata, Obistioiu Diana, **Negrea Monica**, Ileana Cocan, Florin Borcan, Antoanela Cozma, Isidora Radulov, **2022**, Natural Preparation based on Essential Oils as Antifungal and Antimycotoxigenic Agent on Wheat for Bakery Industry, *Foods*, 11(14), 2067; <https://doi.org/10.3390/foods11142067>, WOS:000858337800000, (Q1 -rosu).
4. Plustea Loredana, **Negrea Monica\***, Cocan Ileana, Radulov Isidora, Tulcan Camelia, Berbecea Adina, **2022**, Lupin (*Lupinus* spp.)-Fortified Bread: A Sustainable, Nutritionally, Functionally, and Technologically Valuable Solution for Bakery, *Foods*, 11 (14), 2067, [DOI:10.3390/foods11142067](https://doi.org/10.3390/foods11142067), WOS:000833689400001, (Q1 -rosu).
5. Poșta Daniela, Radulov Isidora, Cocan Ileana, Berbecea Adina, Alexa Ersilia, **Negrea Monica**, Hotea Ionela et al., **2022**, Hazelnuts (*Corylus avellana* L.) from Spontaneous Flora of the West Part of Romania: A Source of Nutrients for Locals, *Agronomy – Basel*, 12 (1), 214, [DOI :10.3390/agronomy12010214](https://doi.org/10.3390/agronomy12010214), WOS:000758421800001, (Q1 -rosu).
6. Bota Voichița, Sumalan RM, Obistioiu Diana, **Negrea Monica**, Cocan Ileana, Popescu Iuliana, Alexa Ersilia, **2022**, Study on the Sustainability Potential of Thyme, Oregano, and Coriander Essential Oils Used as Vapours for Antifungal Protection of Wheat and Wheat Products, *Sustainability* 14 (7), 4298, [DOI 10.3390/su14074298](https://doi.org/10.3390/su14074298), WOS:000781474000001, (Q2 -galben).
7. Hulea Anca, Obiștioiu Diana, Cocan Ileana, Alexa Ersilia, **Negrea Monica**, Neacșu AG, Hulea Călin, **2022**, Diversity of Monofloral Honey Based on the Antimicrobial and Antioxidant Potential, *Antibiotics*, 11 (5), 595, DOI:10.3390/antibiotics11050595, WOS:000803410300001, (Q1 -rosu).
8. Cocan, Ileana, **Negrea, Monica\***, Cozma, Antoanela.; Alexa, Ersilia.; Poiana, Mariana; Raba, Diana.; Danciu, C.; Popescu, Iuliana.; Cadariu, A.I.; Obistioiu, Diana.; Radulov, Isidora. **2021**, Chili and Sweet Pepper Seed Oil Used as a Natural Antioxidant to Improve the Thermo-Oxidative Stability of Sunflower Oil. *Agronomy* 11, 2579. <https://doi.org/10.3390/agronomy11122579>. WOS:000735681500001, (Q1 -rosu),
10. Obistioiu Diana, Cocan Ileana, Tîrziu Emil, Herman Viorel, **Negrea Monica**, Cucerzan Alexandra, Neacșu Alina-Georgeta, Cozma Antoanela, Nichita Ileana, Hulea Anca, Radulov Isidora, Alexa Ersilia, **2021**, Phytochemical Profile and Microbiological Activity of Some Plants Belonging to the Fabaceae Family, *Antibiotics*, 10(6), 662, (IF 4.639), <https://doi.org/10.3390/antibiotics10060662>, WOS:000665577600001, (Q1 -rosu).
11. Sumalan Renata M., Ciulca Sorin I., Poiana Mariana A., Moigradean Diana, Radulov Isidora, **Negrea Monica**, Crisan Manuela E., Copolovici Lucian, Sumalan Radu L., **2020**, The Antioxidant Profile Evaluation of Some Tomato Landraces with Soil Salinity Tolerance Correlated with High Nutraceutical and Functional Value, *Agronomy*, Vol. 10(4), 500, factor impact: 2,603, (Q1-roșu), DOI: <https://doi.org/10.3390/agronomy10040500>; WOS:000534619900021;
12. Dumbrava Delia, Popescu Liviana Alexandra, Soica Codruța Marinela, Nicolin Alma, Cocan Ileana, **Negrea Monica**, Alexa Ersilia, Obistioiu Diana, Radulov Isidora, Popescu Sofia, Watz Claudia, Ghiulai Roxana, Mioc Alexandra, Szuhaneck Camelia, Sinescu Cosmin, Dehelean Cristina, **2020**, Nutritional, Antioxidant, Antimicrobial, and Toxicological Profile of Two Innovative Types of Vegan, Sugar-Free Chocolate, *Foods*, Vol 9(12), 1844, factor impact: 4.092 (Q1), [DOI: 10.3390/foods9121844](https://doi.org/10.3390/foods9121844), WOS:000601964300001;
13. Margean Alina, Lupu Mirabela Ioana, Alexa Ersilia, Padureanu Vasile, Canja Cristina Maria, Cocan Ileana, **Negrea Monica**, Calefariu Gavriela, Poiana Mariana-Atena, **2020**, An Overview of Effects Induced by Pasteurization and High-Power Ultrasound Treatment on the Quality of Red Grape Juice, *Molecules*, Vol. 25 (7), 1669; factor impact : 3.267 (Q2), DOI:<https://doi.org/10.3390/molecules25071669>, WOS:000531833400194;

14. Sumalan Renata M., Kuganov Raufdzhon, Obistioiu Diana, Popescu Iuliana, Radulov Isidora, Alexa Ersilia, **Negrea Monica**, Salimzoda Amonullo F., Sumalan Radu L., Cocan Ileana, **2020**, Assessment of Mint, Basil, and Lavender Essential Oil Vapor-Phase in Antifungal Protection and Lemon Fruit Quality, *Molecules*, Vol. 25(8), 1831, factor impact: 3.267 (Q2), DOI: [10.3390/molecules25081831](https://doi.org/10.3390/molecules25081831), WOS:000534617500030.
15. Duca Alexandra, Sturza Adrian, Moacă Elena-Alina, **Negrea Monica**, Lalescu Virgil-Dacian, Lungeanu Diana, Dehelean Cristina-Adriana, Muntean Danina-Mirela, Alexa Ersilia, **2019**, Identification of Resveratrol as Bioactive Compound of Propolis from Western Romania and Characterization of Phenolic Profile and Antioxidant Activity of Ethanol Extracts, *Molecules*, Vol. 24, 3368; factor impact: 3.060, (Q2), DOI: <https://doi.org/10.3390/molecules24183368>, WOS:000488830500160.
16. Sumalan Renata Maria, Alexa Ersilia, Popescu Iuliana, **Negrea Monica**, Radulov Isidora, Obistioiu Diana, Cocan Ileana, **2019**, Exploring Ecological Alternatives for Crop Protection Using Coriandrum sativum Essential Oil, *Molecules*, ISSN:1420-3049, 24(11), 2040; Special Issue Biological Activities of Essential Oils, factor impact: 3.060, (Q2), DOI: <https://doi.org/10.3390/molecules24112040>, WOS:000472631000013.
17. Alexa Ersilia, Sumalan Renata Maria, Danciu Corina, Obistioiu Diana, **Negrea Monica**, Poiana Mariana-Atena, Rus Cristian, Radulov Isidora, Pop Georgeta and Dehelean Cristina, **2018**, Synergistic Antifungal, Allelopathic and Anti-Proliferative Potential of Salvia officinalis L., and Thymus vulgaris L. Essential Oils, *Molecules*, 23(1), 185; factor impact: 3.060, (Q2) doi: <http://www.mdpi.com/1420-3049/23/1/185>, WOS:000425082500174.
18. Alexa Ersilia, Danciu Corina, Cocan Ileana, **Negrea Monica**, Morar Adriana, Obistioiu Diana, Dogaru Diana, Berbecea Adina, Radulov Isidora, **2018**, Chemical Composition and Antimicrobial Potential of Satureja hortensis L. in Fresh Cow Cheese, *Journal of Food Quality*, Article ID 8424035, 10 pages, factor impact: 0,841, (Q3), DOI: <https://doi.org/10.1155/2018/8424035>, WOS:000359179900022.
19. Tomescu A., Sumalan Renata-Maria, Pop Georgeta, Alexa Ersilia, Poiana Mariana-Atena, Copolovici Dana-Maria, Stroe Mihai Sorina Cristiana, **Negrea Monica**, Galuscan Atena, **2015**, Chemical composition and protective antifungal activity of Mentha Piperita L. and Salvia Officinalis L. essential oils against Fusarium graminearum spp., *REV. CHIM. (Bucharest)* 66 (7), pp.1027-1030, factor impact: 0,956, (Q3), WOS:000359179900022.
20. **Negrea Monica**, Patrascoiu Mihaela, Heghedus-Mindru Gabriel, Cocan Ileana and Fora George, **2013**, Influence of mineral fertilizers on the yield and food safety of leafy greens grown in West Romania condition, *Journal of Food, Agriculture and Environment (JFAE)*, ISSN:1459-0255, Vol. 11, Issue 2, pp. 327-330, impact factor: 0,435, (Q3), WOS:000322024800001.
21. Patrascoiu Mihaela, Rathbauer Josef, **Negrea Monica**, Zeller Rudolf, **2013**, Perspectives of safflower oil as biodiesel source for South Eastern Europe (comparative study: Safflower, soybean and rapeseed, *FUEL*, Volume 111, September **2013**, pp. 114–119, ISSN: 0016-2361, impact factor: 3,406, (Q2), DOI: <https://doi.org/10.1016/j.fuel.2013.04.012>, WOS:000321037600014.
22. **Negrea Monica**, Radulov Isidora, Ardelean Lavinia, Rusu Laura - Cristina, **2012**, *Mineral nutrients compositions of Daucus carota culture, in different stages of morphogenesis*, *REVISTA DE CHIMIE (București)*, 6 (9), pp. 887 - 892, factor impact: 0,696 (Q3), WOS:000310928900008.

## C.2. Lucrări științifice publicate Cotate ISI / indexate ISI fără factor de impact/proceeding

1. **Negrea Monica**, Cocan Ileana, Alexa Ersilia, Obistioiu Diana, Jianu Călin, **2022**, Valorization of pome fruits waste into functional canned products in the context of "zero waste" system, *SGEM Vienna GREEN 2022 "Green Sciences for Green Life" Extended Scientific Sessions of the 22nd SGEM Earth & Planetary Sciences Conference 2022*, Advances in Biotechnology, in press.
2. Bota, Voichita., Sumalan Renata, Raba Diana, **Negrea Monica**, Poiana Mariana, Obistioiu Diana, Cocan Ileana, Cozma Antoanela, Petcu, CD., Alexa Ersilia, **2021**, Fungi and mycotoxins control of wheat grains using essential oils, *Scientific Papers-Series D-Animal Science*, 64(2), 325-329, USAMV Bucharest.
3. **Negrea Monica**, Alexa Ersilia, Cocan Ileana, Obistioiu Diana, Tulcan Camelia, **2018**, Bio-chemical properties of foeniculum vulgare essential oil, *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM*, Vol.18 (6.2), pp. 75-82. (DOI: [10.5593/sgem2018/6.2/S25.010](https://doi.org/10.5593/sgem2018/6.2/S25.010)) (<https://sgemworld.at/sgemlib/spip.php?article13268>).
4. **Negrea Monica**, Alexa Ersilia, Sumalan Renata, Popescu Sofia, Radulov Isidora, **2018**, Chemical composition and in vitro antifungal activity of origanum vulgare plants and essential oil from west side of Romania, *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining*



*Ecology Management*, SGEM, 2018, 18 (6.2), pp.97-104, ([doi: 10.5593/sgem2018/6.2/S25.013](https://doi.org/10.5593/sgem2018/6.2/S25.013)). (<https://sgemworld.at/sgemlib/spip.php?article13271>).

5. Bordea Iosif-Gabriel, Rădoi Bogdan, **Negrea Monica**, Cocan Ileana, Dogaru Diana, **2017**, Studies regarding quality parameters of traditional rawdried salami from private producers from the west part of Romania, *Carpathian Journal Of Food Science And Technology*, ISSN-L 2066 – 6845, Vol. 9(2):16-20. WOS:000406455900002, ([http://chimie-biologie.ubm.ro/carpathian\\_journal/Vol\\_9\(2\)\\_2017.pdf](http://chimie-biologie.ubm.ro/carpathian_journal/Vol_9(2)_2017.pdf))
6. Bordea Silviu-Adrian, **Negrea Monica**, Trașcă Teodor-Ioan, **2017**, Comparative study regarding physical-chemical characteristics of chicken polish sausages with natural extracts and chemical additives, *Carpathian Journal Of Food Science And Technology*, ISSN-L 2066 -6845, Vol.9(2): 21-25, WOS:000406455900003 ([http://chimie-biologie.ubm.ro/carpathian\\_journal/Vol\\_9\(2\)\\_2017.pdf](http://chimie-biologie.ubm.ro/carpathian_journal/Vol_9(2)_2017.pdf)).
7. Popa, Nicolae Florin, Buta, Nadina Ibola, Roman, Lucian Alexandru, Bordea, Nicoleta, Radoi, Bogdan, **Negrea, Monica**, Stoin, Daniela,Trasca, Teodor Ioan, **2013**, Physic and chemical properties of whole grain natural flours and their combinations used to produce extrudes food and feed, *Current Opinion In Biotechnology*, Vol.24, pp: S88-S88 Supplement: 1, DOI: 10.1016/j.copbio.2013.05.259, WOS:000323298100238. ([https://www.researchgate.net/publication/275262303\\_Physic\\_and\\_chemical\\_properties\\_of\\_whole\\_grain\\_natural\\_flours\\_and\\_their\\_combinations\\_used\\_to\\_produce\\_extrudes\\_food\\_and\\_feed/link/5c024cbf45851523d156849e/download](https://www.researchgate.net/publication/275262303_Physic_and_chemical_properties_of_whole_grain_natural_flours_and_their_combinations_used_to_produce_extrudes_food_and_feed/link/5c024cbf45851523d156849e/download)).

### C.3. Lucrări științifice publicate Indexate BDI în ultimii 10 ani (2013-2022)

1. **Negrea Monica**, Cocan Ileana, Alexa Ersilia, Obistioiu Diana,**2021**, Consumers food preferences – influencing factors and methods of evaluation, *Journal of Agroalimentary Processes and Technologies*, Volumul 27(4), pag: 424-431; ISSN: 2069-0053 (print) Agroprint; ISSN (online): 2068-9551.
2. Alexa Ersilia, **Negrea Monica**, Cocan Ileana, **2021**, Natural improvers for bakery technology, *Journal of Agroalimentary Processes and Technologies*, Volume 27, Issue 4, Pages: 392-398; ISSN: 2069-0053 (print) Agroprint: ISSN (online): 2068-9551.
3. Cocan Ileana, **Negrea Monica**, Alexa Ersilia, **2021**, By-products of the meat industry *Journal of Agroalimentary Processes and Technologies*, Volume 27, Issue 3; Pages: 277-283; ISSN: 2069-0053 (print) Agroprint:ISSN (online): 2068-9551
4. Gherman I., Alexa Ersilia, Cocan Ileana, **Negrea Monica**, Rădoi Petru Bogdan, Rinovetz Alexandru E., **2020**, Effect of Mixing Coffee with Some Therapeutic Potential Plants on Some Quality Indicators of the End Product: A Case Study, *Journal of Agroalimentary Processes and Technologies*, Vol.26(4) ([https://www.journal-of-agroalimentary.ro/Journal-of-Agroalimentary-Processes-and-Technologies-Issue\\_a31.html](https://www.journal-of-agroalimentary.ro/Journal-of-Agroalimentary-Processes-and-Technologies-Issue_a31.html)).
5. Drăguți A.C., **Negrea M.V.**, Cocan I., **2019**, Study on the use of horseradish as a natural source of antioxidants in the technology of obtaining liver sausage, *Journal of Agroalimentary Processes and Technologies*, Vol.25 (4), 233-236, ([https://www.journal-of-agroalimentary.ro/admin/articole/79359XL38\\_A.C.\\_Draguti\\_2019\\_25\(4\)\\_233-236.pdf](https://www.journal-of-agroalimentary.ro/admin/articole/79359XL38_A.C._Draguti_2019_25(4)_233-236.pdf)).
6. Cocan Ileana, **Negrea Monica-Viorica**, Alexa Ersilia, Dogaru Diana, Radoi, P.B., Rinovetz, A., **2017**, Successive transesterification of 2,5-diacetyl-isosorbide in two stage with hydrocarbon chain in the process for obtaining of D-glucitol, *Nano, Bio, Green and Space-Technologies for a Sustainable Future*, Issue 61:1071-1080, (<https://www.scopus.com/record/display.uri?eid=2-s2.0-85032454216&origin=inward&txGid=ace2601cb3225e154a8e5e874190bc54>).
7. Gaita Cristina, Alexa Ersilia, Popescu Iuliana, Popescu Sofia, **Negrea Monica**, Poiana Mariana-Atena, **2017**, Grape pomace: a potential sustainable resource for natural bioactive compounds recovery, *Journal of Agroalimentary Processes and Technologies*, Vol. 23(3),pp. 141-147. (<http://journal-of-agroalimentary.ro/>).
8. Rosca N., **Negrea Monica**, Radoi P.B., Dogaru D., **2017**, Studies regarding the protein content of pork ham, *Journal of Agroalimentary Processes and Technologies*, 23(2): 71-73, Editura Agroprint, Timișoara. (<http://journal-of-agroalimentary.ro/>).
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**D. Lucrări publicate în ultimii 10 anii (2013-2022) în reviste și volume de conferințe cu referenți (neindexate)****D.1. Reviste**

1. Andreea Ilas (Cadariu), **Monica Negrea**, Ileana Cocan, Ersilia Alexa, Diana Moigradean, Mariana-Atena Poiana, **2019**, Nutraceutical quality evaluation of tomatoes, bell peppers and their processing wastes - *Proceedings Of The Multidisciplinary Conference On Sustainable Development*, First Edition ISBN 978-88-85813-60-1, pp. 541-548. ([http://www.usabtm.ro/utilizatori/tpa/files/2\\_The%202nd%20International%20Conference%20%20%20on%20Life%20Sciences\\_Book-of-Abstract\\_2019\\_FIA.pdf](http://www.usabtm.ro/utilizatori/tpa/files/2_The%202nd%20International%20Conference%20%20%20on%20Life%20Sciences_Book-of-Abstract_2019_FIA.pdf))
2. Pop Georgeta, Alexa Ersilia, Sumalan Renata, **Negrea Monica**, Obistoiu Diana, Imbrea Ilinca, **2018**, In vivo antifungal potential of essential oils based natural preparations and their effect on wheat quality, *Comm. Appl. Biol. Sci. Ghent University*, ISSN 1379-1176, 83/2, , pg.48. (<https://www.ugent.be/bw/crop-protection/iscp/en/proceedings>).
3. Popa N., Buta Nadina, Roman L., Radoi B., **Negrea Monica**, Stoin Daniela, Trasca Teodor Ioan, **2013**, Pysico-chemical properties of natural rapeseed, acacia, mana, sunflower and polyfloral honey, used in enhancing corn-flakes nutritional values, *Research people and actual tasks on multidisciplinary sciences*, Lozenec, Bulgaria, ISSN 1313-7735, vol. 1, pp.210-214. ([http://multilingual.bionetsyst.com/images/other/2013\\_Volume\\_1.pdf](http://multilingual.bionetsyst.com/images/other/2013_Volume_1.pdf)).

**D.2. Selecție cu maximum 20 lucrări în volume de conferințe**

1. **Negrea Monica**, Alexa Ersilia, Sumalan Renata, Obistoiu Diana, Cocan Ileana, Poiana Atena-Mariana, Tulcan Camelia, **2017**, Chemical constituents, antioxidant and antifungal potential of Melissa officinalis formulations, *26th INTERNATIONAL CONFERENCE ECOLOGY & SAFETY 2017, Journal of International Scientific Publications - Ecology & Safety*, ELENITE, BULGARIA, ISSN 1314-7234, Volume 11, pp. 385-393, (<https://www.scientific-publications.net/en/article/1001385/>).
2. Radulov I, Alexa E, **Negrea M**, Crista F, Berbeca A. **2013**, Nitrogen fertilization and mycotoxin accumulation influence upon protein and amino acid content of corn grains , *Proceedings of 6th Central European Congress on Food-CEFood Congress*, Sebia, ISBN 978-86-7994-027-8, (<http://cefood2012.rs/uploads/docu/proceedings.pdf>).
3. **Negrea M.**, Pop G., Sumalan R., Alexa E., Poiana M. **2013**, Post-harvest fungi production in different storage conditions of the cereals, *6th Central European Congress on Food, Novi Sad, CEFood2012*, Serbia, pp. 591-595. ISBN 978-86-7994-027-8.
4. **Negrea Monica**, Patrascoiu Mihaela, Cocan Ileana, Cozma Antoanela, Circiu Gheorghe **2013**, Influence of fertilizers and growth regulators on nutritional quality of Allium cepa in different stages of morphogenesis, *6th Central European Congress on Food, Novi Sad, CEFood2012*, Serbia, pp. 596-602. ISBN 978-86-7994-027-8.
5. **Negrea Monica**, Lazureanu A., Radulov Isidora, Patrascoiu Mihaela, Cocan Ileana, **2013**, Nutritional quality of Daucus carota in different stages of morphogenesis, *International Symposium Exploring and developing a wider range of biodiversity in Horticulture and Silvicultura* , Volume 16(2): 162-165, ISSN 2066-1797, Editura Agroprint.

**D. Brevete obținute în întreaga activitate**

1. Alexa Ersilia Călina, Sumălan Renata Maria, Lintia Vasile, **Negrea Monica**, Obiștioiu Diana Monica, Poiană Mariana Atena, Rus Cristian, Tulcan Camelia, **2019**, NATURAL PREPARATIONS WITH ANTIFUNGAL ACTIVITY TO BE USED AS PROTECTION AGENTS IN VEGETABLE CROPS, RO133305 (A0) — 2019-05-30, ([https://worldwide.espacenet.com/publicationDetails/biblio?II=0&ND=3&adjacent=true&locale=en\\_EP&FT=D&date=20190530&CC=RO&NR=133305A0&KC=A0](https://worldwide.espacenet.com/publicationDetails/biblio?II=0&ND=3&adjacent=true&locale=en_EP&FT=D&date=20190530&CC=RO&NR=133305A0&KC=A0)).
2. Alexa Ersilia Călina, Sumălan Renata Maria, Lintia Vasile, **Negrea Monica**, Obiștioiu Diana Monica, Pop Georgeta, Radulov Isidora, Crista Laura, Rus Cristian, **2019**, Natural preparation with antifungal and antimycotoxigenic action to be used as cereal protection agents and process for preparing the same , RO133316 (A0) — 2019-05-30,

([https://worldwide.espacenet.com/publicationDetails/biblio?II=1&ND=3&adjacent=true&locale=en\\_EP&FT=D&date=20190530&CC=RO&NR=133316A0&KC=A0](https://worldwide.espacenet.com/publicationDetails/biblio?II=1&ND=3&adjacent=true&locale=en_EP&FT=D&date=20190530&CC=RO&NR=133316A0&KC=A0)).

3. Dragomirescu Monica Cristina, Alexa Ersilia Calina, Lintia Vasile, **Negrea Monica**, Cocan Ileana, **2018**, Process for preparing vegetal protein hydrolysates with biofertilizing action, compatible with organic agriculture, RO132919 (A0) — 2018-11-29, ([https://worldwide.espacenet.com/publicationDetails/biblio?II=2&ND=3&adjacent=true&locale=en\\_EP&FT=D&date=20181129&CC=RO&NR=132919A0&KC=A0](https://worldwide.espacenet.com/publicationDetails/biblio?II=2&ND=3&adjacent=true&locale=en_EP&FT=D&date=20181129&CC=RO&NR=132919A0&KC=A0)).

## E. Proiecte de cercetare-dezvoltare-inovare pe bază de contract/grant

### E.1. Proiecte internaționale

1. Erasmus + Program Parteneriate Strategice, K2, project no. 2021-1-RO01-KA220-VET-000028008, Methods to reduce food waste in flour products by developing the specific competence of specialists in the sector, STOP WASTE TO VET, **Manager**.
2. Erasmus + Program Parteneriate Strategice, nr. 2020-1-RO01-KA203-080172, Strategies regarding the valorization of horticultural and agricultural by-products as functional foods in the context of a circular economy, BYPRODUCTS, membru.
3. ERASMUS + programme -strategic Partnership, nr. 2019-1-RO01 -KA202-063170 , Let's produce new functional bakery products for people with digestive disorders, FBforPDD, membru.
4. Erasmus + Program Parteneriate Strategice, 2019-1-RO01-KA203-063499, Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes (HYPOGLYCEDIET), membru
5. Erasmus Project *2017-1-RO01-KA202-037215*, Strategies to predict, prevent and reduce the effect of fungal contamination on cereals quality, production and food safety. 2017-2019.
6. UEFISCDI /PN 3-P2-81/28/10/2016, PROGRAMUL 2 – Increasing the competitiveness of the Romanian economy through research, development and innovation. BRIDGE GRANT: PREPARATE NATURALE ECOLOGICE CU ACȚIUNE ANTIFUNGICĂ, BG 2016-0126, 2016-2018, Project Partner: SC Panetone SRL, Project Director: Prof. dr. Alexa Ersilia
7. Program Capacități/ Cooperare Bilaterală România – Grecia, 2012-2013, Nr. 565/01.06.2012 (Spectraoil) Rapid Spectroscopic Methods For Assessment Of Olive Oil Quality And Adulteration, coordinator: Banat's University of Agricultural Science and Veterinary Medicine, Partener: Agricultural University of Athens, Chemistry Laboratory, valoare 21710 lei, <http://www.ancs.ro/ro/articol/2694/program-romania-grecia>, Membru.
8. Project *SEE-ERA.NET PLUS*, Contract reference no. ERA 139/01 ,Systems to reduce mycotoxin contamination of cereals and medicinal plants in order to preservation native species and traditional products in Romania-Serbia-Croatia , 2010/2012, Director project: Prof. dr. Alexa Ersilia

### E.2. Proiecte naționale

1. ADR VEST, POR, "REALIZAREA TRANSFERULUI TEHNOLOGIC ÎN VEDEREA OBȚINERII UNOR ALIMENTE FUNCTIONALE INOVATIVE IMBOGĂTITE IN COMPUSI BIOACTIVI - CTTU 2022-2023, membru
2. ROSE, AG117/SGU/PV/II din 07.05.2019, Succes în învățământul terțiar prin dezvoltarea abilităților relevante ale elevilor aflați în situație de risc în domeniul științelor vieții - BAFTĂ-USAMVBT – 2019-2021, valoare 560385 lei (119994.22 euro), membru
3. PN-III-P2-2.1-CI-2017- 0346, Cecuri de inovare, sesiunile I-IV 2017, Biofertilizanți naturali pentru agricultura organică, 45.000,00 lei, Membru.

Data: 16.12.2022

Semnătura: