

INFORMAȚII PERSONALE



Rodica Mărgăoan

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Data nașterii 15/02/1977 | Naționalitatea română

EXPERIENȚA PROFESIONALĂ

25/02/2019-Prezent

Cercetător gradul III în cadrul Institutului de Cercetări Avansate al Transilvaniei, Departamentul de Microbiologie și Biotehnologii; USAMV Cluj-Napoca

09/08/2021-04/03/2022

Cercetător în biotehnologii pentru agricultură în cadrul proiectului „Dezvoltarea de noi produse în teritoriul GAL Poarta Transilvaniei”, USAMV Cluj-Napoca, director proiect Conf. dr. Avram Fițiu

07/12/2017–07/12/2021

Director grant intern 26.526/07.12.2017 obiectul proiectului fiind cercetări privind originea botanică a diferitelor probe biologice USAMV, Cluj-Napoca

01/01/2020-31/12/2021

Cercetător „The pollen preferences of honey bees and the effects of pollen use in winter on colony dynamic”, General Directorate of Agricultural Research and Policies 92190712-405.03-E.1709128, Izmir, Turcia, director proiect dr. Ali Peksuslu

10/02/2020-01/09/2021

Administrator de formare: „ CEO Antreprenor-Competitivitate, Excelența, Oportunitate! ” USAMV Cluj-Napoca, director proiect Prof.dr. Tudor Sălăgean

21/01/2016–25/02/2019

Laborant cu studii superioare în cadrul Facultății de Horticultură, Departamentul I, Disciplina de Micropropagare, Microbiologie, Biotehnologii USAMV Cluj-Napoca

01/10/2014–01/09/2016

Asistent de cercetare în biotehnologii pentru agricultură în cadrul proiectului „Diminuarea reziduurilor și contaminanților din laptele de consum prin conceperea și dezvoltarea unor produse inovative cu maxima eficiență în combaterea mamitelor” USAMV Cluj-Napoca, director proiect Prof.dr. Liviu Al. Mărghițaș

01/07/2013–15/01/2014

Asistent de cercetare în biotehnologii pentru agricultură: „Nucleu de înaltă competență științifică în biotehnologii

apicole în România”, USAMV Cluj-Napoca, director proiect Prof. dr. Robin Moritz

01/01/2008-31/12/2010

Asistent de cercetare în biotehnologii pentru agricultură: „Conservarea potențialului genetic și a biodiversității resurselor sericicole autohtone”, USAMV Cluj-Napoca, director proiect Conf. dr. Ioan Pașca

01/10/2007-30/11/2007

Asistent de cercetare în biotehnologii pentru agricultură: „Metodologii cu acuratețe înaltă în determinarea reziduurilor și contaminanților din produse apicole cu valoare alimentară MRC-PA”, USAMV Cluj-Napoca director proiect Prof.dr. Liviu Al. Mărghitaș

15/09/2001–15/06/2002

Profesor fizica
Scoala nr. 10, Cluj-Napoca

EDUCAȚIE ȘI FORMARE 2015

Diploma de doctor în Zootehnie
USAMV Cluj-Napoca
Teza de doctorat: „Cercetări privind valoarea nutritivă și biologică a polenului de albine” Conducător de doctorat: Prof. dr. Liviu Alexandru Mărghitaș

2007–2009

Diplomă de Master, Specializarea: Inginerie genetică și biotehnologii de reproducție aplicate în producția animalelor, USAMV Cluj-Napoca

2001–2007

Diplomă de licență: inginer diplomat, Facultatea de Zootehnie și Biotehnologii Specializarea: Biotehnologii agricole, USAMV Cluj-Napoca

COMPETENȚE PERSONALE:

Limba(i) maternă(e)

română

Limbile străine ÎNȚELEGERE

VORBIRE

SCRIERE

	Ascultare	Citire	Participare la conversaie	Discurs oral	
italiană	C1	B1	C1	C1	B1
engleză	B2	B1	B1	B1	B2
germană	B1	A2	A2	B1	A2

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat

Cadrul european comun de referință pentru limbi străine

Competențe de comunicare

Bune competențe de comunicare și muncă în echipă dobândite prin participarea la lucrări practice cu studenții, simpozioane și conferințe.

Competențe dobândite la locul de muncă

competente în analiza palinologică la diferite produse apicole cunoaștere a aparaturii de laborator (Microscop, Soxhlet, Kjeldahl, Spectrofotometru multicanal) (pana în ianuarie 2016 fiind responsabilă de analiza palinologică și fizico-chimică a

O bună cunoaștere a instrumentelor Microsoft Office™

CURSURI DE FORMARE PROFESIONALĂ CONTINUĂ/AUTODEZVOLTARE:

2023- Schimb de experiență în melisopalinologie laborator LabApis Utad, University of Trás-os-Montes and Alto Douro, Vila Real, Portugalia
2018 - Schimb de experiență în melisopalinologie, laborator Balparmak, Istanbul, Turcia.
2018 - Curs de introducere în melisopalinologie, CREA, Bologna, Italia
2017 - Schimb de experiență în melisopalinologie, laborator CARI, Louvain-la-Neuve, Belgia.
2017 - diplomă de formator; seria L/ nr. 00108079.
2015 - Curs degustare miere organizat de Etienne Bruneau, asociația CARI, Belgia .
2009 - Curs postuniversitar „Spectrometrie de Infraroșu (FT-IR)”.

PROIECTE:

1. Dezvoltarea de noi produse în teritoriul Gal Poarta Transilvaniei C16100000011863300014/ 08.06.2021, **Cercetator în biotehnologii pentru agricultura**
2. CEO Antreprenor- Competitivitate, Excelenta, Oportunitate! Director proiect: Prof. dr.Tudor Salagean, **administrator de formare**
3. The pollen preferences of honey bees and the effects of pollen use in winter on colony dynamic, General Directorate of Agricultural Research and Policies 92190712-405.03-E.1709128, Izmir, Turcia, director proiect dr. Ali Peksuslu, **Cercetator**
4. PN II contract Nr. 148/2014 „Diminuarea reziduurilor și contaminanților din laptele de consum prin conceperea și dezvoltarea unor produse inovative cu maxima eficiență în combaterea mamitelor”. Director proiect: Prof. dr. Liviu Al. Mărghițaș, **asistent de cercetare în biotehnologii pentru agricultura.**
5. POSCCE Nr. 206/12460/ RoBeeTech: „Nucleu de înaltă competență științifică în biotehnologii apicole în România”, Director proiect: Prof. dr. Robin Moritz, **asistent de cercetare în biotehnologii pentru agricultura.**
6. Contract Nr. 51014/2007 „Conservarea potentialului genetic si a biodiversitatii resurselor sericicole autohtone”, Director proiect: Conf. dr. Ioan Pasca, **doctorand**
7. Contract Nr. 51070/2007 „Metodologii cu acuratețe înaltă în determinarea reziduurilor și contaminanților din produse apicole cu valoare alimentară MRC-PA”, Director proiect: Prof. dr. Liviu Al. Mărghițaș, **doctorand**

AFILIERI:

2022- prezent: membru Societatea de Horticultura si Silvicultura Transilvania;
2020- prezent: membru Asociația de Standardizare din România ASRO;
2020- prezent: membru Organizația Internațională de Standardizare ISO;

2016-prezent: membru Slow Foods;

2015-prezent: membru al Societății Române de Apiterapie – Departamentul Cercetare;

2007- prezent: membru al IHC (International Honey Commission).

CĂRȚI PUBLICATE:

1. Api-nutriția o variantă de prevenție și păstrare a sănătății, **2018**, M. Stranț, A. Varadi, **R. Mărgăoan**, R. Grosu, B. Yucel, E. Topal, A.M. Pușcașu, Ed. Lumea Apicolă;
2. Ghid de bune practici în recoltarea produselor apicole pentru api-nutriție și api-terapie, **2018**, E. Bruneau, **R. Margaoan**, A.Varadi, C. Dostetan Abalaru, M. Stant,V. Pacala, Ed. Lumea Apicolă.

MEMBRU COMISII ȘTIINȚIFICE:

1. ICERAT (International Congress on Environmental Research and Technology), 2019, 06-10 noiembrie Sarajevo, Bosnia si Hercegovina
2. ICERAT (International Congress on Environmental Research and Technology), 2018, 14-18 noiembrie 2018, Atena, Grecia.<https://www.icerat.gen.tr/>
3. Apiquality&Apimedica, 2018, 11-16 octombrie 2018, Sibiu, România
<https://apimedica2018.org/ro/>

PREMIEREA REZULTATELOR ȘTIINȚIFICE (UEFSICDI):

1. PN-III-P1-1.1-PRECISI-2021-53439-Bee collected pollen as a value-added product rich in bioactive compounds and unsaturated fatty acids: A comparative study from Turkey and Romania
2. PN-III-P1-1.1-PRECISI-2021-54346- Monofloral Honeys as a Potential Source of Natural Antioxidants, Minerals and Medicine
3. PN-III-P1-1.1-PRECISI-2021-55780 - Botanical origin approach for a better understanding of chemical and nutritional composition of beebread as an important value-added food supplement
4. PN-III-P1-1.1- PRECISI-2021- 57672 - Screening of Some Romanian Raw Honeys and Their Probiotic Potential Evaluation
5. PN-III-P1-1.1-PRECISI-2020-41615 - Bee Collected Pollen and Bee Bread: Bioactive Constituents and Health Benefits
6. PN-III-P1-1.1-PRECISI-2020-45524 Gibberellic Acid Can Improve Seed Germination and Ornamental Quality of Selected Cyclamen Species Grown Under Short and Long Days
7. PN-III-P1-1.1- PRECISI-2020- 51399 Impact of Fermentation Processes on the Bioactive Profile and Health-Promoting Properties of Bee Bread, Mead and Honey Vinegar
8. PN-III-P1-1.1-PRECISI-2019-30363- Similarity of Data from Bee Bread with the Same Taxa Collected in India and Romania
9. PN-III-P1-1.1-PRECISI-2016-11002 - Changes in major bioactive compounds with antioxidant activity of *Agastache foeniculum*, *Lavandula angustifolia*, *Melissa officinalis* and *Nepeta cataria*: effect of harvest time and plant species;

10. PN-II-RU-PRECISI-2014-8-5665 - Predominant and secondary pollen botanical origins influence the carotenoid and fatty acid profile in fresh honeybee-collected pollen.

LUCRĂRI DE LICENȚĂ COORDONATE:

1. Model de caracterizare palinologica a unui areal determinat, 2019, Coordonatori: Șef lucr. Dr. Cristian Radu Sisea, CS III dr. Rodica Margaoan
2. Model de caracterizare morfologica si moleculara a unor asociatii palinologice, 2019, Coordonatori: Șef lucr. Dr. Cristian Radu Sisea, CS III dr. Rodica Margaoan, CS dr. Adriana Aurori
3. Testarea efectului antitumoral a extractului apos de păstură asupra liniei celulare T-47D, 2016 , Coordonatori: Conf. dr. Marius Zăhan, **Dr. ing. Rodica Mărgăoan**
4. Studiu comparativ al calității produselor apicole derivate din lăptișorul de matcă, 2016, Coordonatori: Prof. dr. Daniel Dezmirean, **Dr. ing. Rodica Mărgăoan**
5. Biomonitorizarea mediului cu albine melifere – studiu de caz, 2015, Coordonatori: Prof. dr. Daniel Dezmirean, **Dr.ing. Rodica Mărgăoan**

ÎNDRUMĂTOR ȘTIINȚIFIC LA SIMPOZIOANE STUDENȚEȘTI:

1. Polenizarea zoofilă a unor plante exotice de cultură, **2019**, Autor: Ștefan ARĂDĂVOAICEI, Coordonatori: Șef lucrări dr. Cristian Radu SISEA CS III dr. Rodica MĂRGĂOAN, **Premiul III**, *Simpozion Științific Studențesc USAMV Cluj-Napoca*
2. Palinologia: Metode de studiu și direcții de aplicabilitate, **2018**, Autor: Ștefan ARĂDĂVOAICEI, Coordonatori: Șef lucrări dr. Cristian Radu Sisea, dr. ing. Rodica Mărgăoan, **Mențiunea I**, *Simpozion Științific Studențesc USAMV Cluj- Napoca*
3. Palynology: Methods of study and applications, **2018**, Autor: Ștefan ARĂDĂVOAICEI, Coordonatori: Șef lucrări dr. Cristian Radu Sisea, dr. ing. Rodica Mărgăoan, **Premiul II**, *Student Scientific Session XVIth Edition, Universitatea Aurel Vlaicu, Arad*
4. Bee pollen as a source for maintaining biodiversity, **2014**, Autor: Alex Cuibus, Coodonatori: Prof. dr. Daniel Dezmirean, drd. ing. Rodica Mărgăoan, **Premiul I**, *Simpozion Științific Studențesc USAMV Cluj-Napoca*

LUCRĂRI ISI CA PRIM AUTOR (AUTOR CORRESPONDENT):

1. Cornea-Cipcigan, M., Pamfil, D., Sisea, C. R., & **Margaoan, R.*** (2023). Characterization of Cyclamen genotypes using morphological descriptors and DNA molecular markers in a multivariate analysis. *Frontiers in Plant Science*, 14, 1100099, **IF: 6.627**
2. Sarioğlu-Bozkurt, A.; Topal, E.; Güneş, N.; Üçeş, E.; Cornea-Cipcigan, M.; Coşkun, İ.; Cuibus, L.; **Mărgăoan, R.***. (2022) Changes in (Vg) and Stress Protein (HSP 70) in Honey Bee (*Apis mellifera anatoliaca*) Groups under Different Diets Linked with Physico-Chemical, Antioxidant and Fatty and Amino Acid Profiles. *Insects* 13, 985. <https://doi.org/10.3390/insects13110985>, **IF: 3.139**
3. Boke Sarikahya, N., Varol, E., Sumer Okkali, G., Yucel, B., **Margaoan, R.***, Nalbantsoy, A. (2022) Comparative Study of Antiviral, Cytotoxic, Antioxidant Activities, Total Phenolic Profile and Chemical Content of Propolis Samples in Different Colors from Türkiye. *Antioxidants*, 11, 2075. <https://doi.org/10.3390/antiox11102075>, **IF: 7. 675**

4. Cornea-Cipcigan, M., Cordea, M. I., **Mărgăoan, R.***, Pamfil, D. (2022). Exogenously Applied GA3 Enhances Morphological Parameters of Tolerant and Sensitive Cyclamen persicum Genotypes under Ambient Temperature and Heat Stress Conditions. *Plants*, 11(14), 1868, **IF:4.658**
5. Topal, E., Çakıcı, N., **Mărgăoan, R.***, Takma, Ç., Güney, F., Kösoğlu, M., Cornea-Cipcigan, M., Atmaca, H. (2022). Annual Development Performance of Fixed Honeybee Colonies Linked with Chemical and Mineral Profile of Bee Collected Pollen. *Chemistry & Biodiversity*, 19(8), **IF: 2.745**
6. Koşum, N., Yücel, B., Kandemir, Ç., Taşkın, T., Duru, M. E., Küçükaydın, S., **Margaoan R.***, Cornea-Cipcigan, M. (2022). Chemical composition and androgenic effect of bee drone larvae (Apilarnil) for goat male kids. *Chemistry & Biodiversity*, **IF: 2.745**
7. Topal, E., **Mărgăoan, R.***, Bay, V., Takma, Ç., Yücel, B., Oskay, D., Duz G., Acar S., Kösoğlu, M. (2022). The Effect of Supplementary Feeding with Different Pollens in Autumn on Colony Development under Natural Environment and In Vitro Lifespan of Honey Bees. *Insects*, 13(7), 588, **IF:3.139**
8. Cornea-Cipcigan, M., Bunea, A., Bouari, C. M., Pamfil, D., Páll, E., Urcan, A. C., & **Mărgăoan, R.*** (2022). Anthocyanins and Carotenoids Characterization in Flowers and Leaves of Cyclamen Genotypes Linked with Bioactivities Using Multivariate Analysis Techniques. *Antioxidants*, 11(6), 1126, **IF: 7.675**
9. Barta, D. G., Cornea-Cipcigan, M., **Margaoan, R.***, Vodnar, D. C. (2022). Biotechnological Processes Simulating the Natural Fermentation Process of Bee Bread and Therapeutic Properties—An Overview. *Frontiers in Nutrition*, 9, **IF: 6.59**
10. Carmen Ioana Mureşan, Mihaela Cornea-Cipcigan, Ramona Suharoschi, Silvio Erler, **Rodica Mărgăoan***, 2022, Honey botanical origin and honey-specific protein pattern: Characterization of some European honeys, *LWT - Food Science and Technology* 154, 112883, **IF: 4.952**
11. **Mărgăoan, R.**, Chirilă, F., Cornea-Cipcigan, M, **2021**, Bee Pollen Methanolic Extracts: Total Polyphenols Content and Antibacterial Activity, *Scientific Papers: Series D, Animal Science-The International Session of Scientific Communications of the Faculty of Animal Science*, 64(1)
12. Topal, E., Adamchuk, L., Negri, I., Kösoğlu, M., Papa, G., Dârjan, M. S., Mihaela Cornea-Cipcigan& **Mărgăoan, R***, **2021**, Traces of Honeybees, *Api-Tourism and Beekeeping: From Past to Present, Sustainability*, 13(21), 11659, **IF: 3.251**
13. **Mărgăoan, R.**, Özkök, A., Keskin, Ş., Mayda, N., Urcan, A. C., & Cornea-Cipcigan, M., **2021**, Bee collected pollen as a value-added product rich in bioactive compounds and unsaturated fatty acids: A comparative study from Turkey and Romania, *LWT*, volume 149, 111925, **IF: 4.952**
14. **Mărgăoan, R.**, Topal, E., Balkanska, R., Yücel, B., Oravec, T., Cornea-Cipcigan, M., & Vodnar, D. C., **2021**, Monofloral Honeys as a Potential Source of Natural Antioxidants, Minerals and Medicine, *Antioxidants*, 2021, 10(7), 1023, DOI: 10.3390/antiox10071023, **IF: 6.313**
15. Mihaela Cornea-Cipcigan, Doru Pamfil, Cristian Radu Sisea and **Rodica Mărgăoan***, **2020**, Gibberellic Acid Can Improve Seed Germination and Ornamental Quality of Selected Cyclamen Species Grown Under Short and Long Days, *Agronomy*, Basel, Switzerland,ISSN 2073-4395, DOI: 10.3390/agronomy10040516, **IF: 2.603**

16. Tamas-Krumpe, O; **Mărgăoan, R***; Bobis, O; Latiu, C; Urcan, A; Ognean, L, **2020**, Natural Honey as a Potential Nutraceutical Source (Review), SCIENTIFIC PAPERS-SERIES D-ANIMAL SCIENCE, Bucuresti, Romania, ISSN 2285-5750
17. **Rodica Mărgăoan**, Mihaela Cornea-Cipcigan*, Erkan Topal* and Mustafa Kösoğlu, **2020**, Impact of Fermentation Processes on the Bioactive Profile and Health-Promoting Properties of Bee Bread, Mead and Honey Vinegar, Processes, Basel, Switzerland, ISSN 2227-9717, **IF:2.753**
18. Mihaela Cornea-Cipcigan, Doru Pamfil, Cristian Radu Sisea, Cornelia Paula Gavris, Maria Graca Campos, **Rodica Mărgăoan ***,**2019**, Acta Poloniae Pharmaceutica Drug Research, Vol. 76 No. 6 pp. 919-938, DOI: 10.32383/appdr/111762, **IF:0.447**
19. **Mărgăoan, R**; Tripon, C; Bobis, O; Bonta, V; Dadarlat, D, **2019**, A review on *Cyclamen* species: transcription factors vs. pharmacological effects, Coexistence of Phases in Royal Jelly Detected by Photopyroelectric Calorimetry, Analytical Letters DOI: 10.1080/00032719.2019.1700269, **IF: 1.248**
20. **Rodica Mărgăoan**, Mirela Stranț, Alina Varadi, Erkan Topal, Banu Yücel, Mihaela Cornea-Cipcigan, Maria G. Campos, Dan C. Vodnar, **2019**, Bee Pollen and Bee Bread: bioactive constituents and health benefits, Antioxidants 2019, 8, 568; doi:10.3390/antiox8120568, **IF: 4.52**
21. **Rodica Mărgăoan**, Marius Zăhan, Liviu A. Mărghitaș, Daniel S.Dezmirean, Silvio Erler, Otilia Bobiș, **2016**, Antiproliferative activity and apoptotic effects of *Filipendula ulmaria* pollen against C26 mice colon tumor cells, DOI: 10.1515/JAS-2016-0014, J. APIC. SCI. VOL.60, NO.1, **IF: 0.75**.
22. **Rodica Mărgăoan**, Liviu Al. Mărghitaș, Daniel S.Dezmirean, Francisc V. Dulf, Andrea Bunea, Sonia Ancuța Socaci, Otilia Bobiș, **2014**, Predominant and Secondary Pollen Botanical Origins Influence the Carotenoid and Fatty Acid Profile in Fresh Honeybee-Collected Pollen, *J. of Agric. and Food Chemistry*, 62(27): 6306-6316, DOI: 10.1021/jf5020318, **IF: 3.412**.

LUCRĂRI ISI CO-AUTOR:

1. Claudia Pasca, Liviu Alexandru Marghitas, Ioana Adriana Matei, Victorita Bonta **Rodica Mărgăoan**, Florina Copaciu, Otilia Bobis, Maria Graça Campos and Daniel Severus Dezmirean, **2021**, Screening of Some Romanian Raw Honeys and Their Probiotic Potential Evaluation, Applied Sciences, 11, 5816. <https://doi.org/10.3390/app11135816>, IF: 2.679
2. Urcan, Adriana Cristina, Criste, Adriana Dalila, Dezmirean, Daniel Severus, Bobis, Otilia, Bonta, Victorita, Dulf, Francisc Vasile, **Mărgăoan Rodica**, Cornea-Cipcigan, Mihaela, Campos, Maria Graca, **2021**, Botanical origin approach for a better understanding of chemical and nutritional composition of beebread as an important value-added food supplement, LWT-FOOD SCIENCE AND TECHNOLOGY, 2021, Volume142 Article Number111068 DOI10.1016/j.lwt.2021.111068, IF: 4.952
3. Octavia Tamas-Krumpe, Otilia Bobiș, **Rodica Mărgăoan**, Flore Chirilă, Călin Lațiu, Laurenț Ognean, **2019**, Correlative research regarding the total polyphenolic content, antioxidant and antibacterial activity of three types of Romanian honey, Scientific Papers. Series D. Animal Science. Vol. LXII, No. 2, ISSN 2285-5750; ISSN CD-ROM 2285-5769; ISSN Online 2393-2260; ISSN-L 2285-5750

4. Tamas-Krumpe Octavia Maria, Bobiş Otilia, **Mărgăoan Rodica**, Doşteţan Abălaru Cornelia, Buta Andreea, Ognean Laurenţiu, **2019**, The Analysis of the Biologically Active Compounds Content and the Antioxidant Potential of Some Romanian Polyfloral Honey Samples, Proceedings of The Multidisciplinary Conference On Sustainable Development, ISBN 978-88-85813-60-1
5. Urcan, A., Criste, A., Dezmirean, D., **Mărgăoan, R.**, Caeiro, A., & Graça Campos, M., **2018**, Similarity of Data from Bee Bread with the Same Taxa Collected in India and Romania. *Molecules*, 23(10), 2491. IF 3.098
6. Simona Carmen Duda, Liviu Alexandru Mărghitaş, Daniel Dezmirean, Marcel Duda, **Rodica Mărgăoan**, Otilia Bobiş, **2015**, Changes in major bioactive compounds with antioxidant activity of *Agastache foeniculum*, *Lavandula angustifolia*, *Melissa officinalis* and *Nepeta cataria*: Effect of harvest time and plant species, *Industrial Crops and Products*, 77: 499-507 doi:10.1016/j.indcrop.2015.09.045, IF: 3.849.

LUCRĂRI BDI CA PRIM AUTOR (AUTOR CORRESPONDENT):

1. Octavia Tamas-Krumpe, Cornelia Doşteţan Abălaru, Ramona Grosu, Andreea Buta, **Rodica Mărgăoan***, Laurenţ Ognean, **2020**, Medicinal Properties Of *Thymus Vulgaris* Essential Oil: A Review, *Lucrări Ştiinţifice Seria Medicină Veterinară*, 63 (2), Usamv Iaşi
2. Otilia Bobiş, Daniel Dezmirean, Victorita Bonta, Adela Ramona Moise, Adriana Cristina Urcan, **Rodica Mărgăoan ***, **2020**, Fungal Diversity and Over-Represented Non-Nectariferous Plants Pollen in Honey. Case Study on Acacia Honey Authenticity, Analyzed in APHIS Laboratory, *Bulletin UASVM Animal Science and Biotechnologies* 77(2), 54-61, ISSN-L 1843-5262; Print ISSN 1843-5262; Electronic ISSN 1843-536X DOI:10.15835/buasvmcn-asb: 2020.0009
3. Octavia Maria Tamas-Krumpe, Adriana Urcan, **Rodica Mărgăoan***, Cornelia Doşteţan Abălaru, Otilia Bobiş, Călin Laţiu, Vlad Emil LUCA, Laurenţ OGNEAN, **2020**, Antibacterial Potential of Honeydew Honey in Combination with Natural Oils, *Agricultura, Cluj-Napoca, Romania*, 1 - 2 (113-114)
4. **Rodica Mărgăoan**, Ştefan Aradăvoaicei, Mihaela Cornea-Cipcigan*, Cristian Radu Sisea, **2019**, The Role of Pollinators in Maintaining the Biodiversity of Some Exotic Cultures, *International Journal of Environmental Research and Technology*, Turkey, E-ISSN: 2667-4041
5. **Rodica Mărgăoan**, Liviu Al. Mărghitaş, Daniel S. Dezmirean, Otilia Bobiş, Victorita Bonta, Corina Cătană, Adriana Urcan, Carmen I. Mureşan, Mirela G. Margin, **2017**, Comparative Study on Quality Parameters of Royal Jelly, Apilarnil and Queen Bee Larvae Triturate. *Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Animal Science & Biotechnologies*, 74(1).
6. Urcan, A., Mărghitaş, L. A., Dezmirean, D. S., Bobiş, O., Bonta, V., Mureşan, C. I., **Mărgăoan, R***, **2017**, Chemical Composition and Biological Activities of Beebread-Review. *Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Animal Science & Biotechnologies*, 74(1). (***autor correspondent**)
7. **Rodica Mărgăoan**, Liviu Al. Mărghitaş, Daniel S. Dezmirean, Bogdan Gherman, Flore Chirilă, Iulia Zacharias, Otilia Bobiş, **2015**, Antimicrobial Activity of Bee Pollen Ethanolic and Methanolic Extracts on *Staphylococcus aureus* Bacterial Strain, *Buletin*

UASVM Animal Science and Biotechnologies, Vol.72(1), DOI:10.15835/buasvmcn-asb:10791.

8. **Rodica Mărgăoan**, Mărghitaş L., Dezmirean D., Bobiş O., Tomoş L., Mihai C., Bonta V., **2013**, Honeybee-collected pollen from Transylvania: palynological origin, phenolic content and antioxidant activity, Buletin UASVM Animal Science and Biotechnologies, Vol. 70(2): 311-315.
9. **Rodica Mărgăoan**, Mărghitaş L., Dezmirean D., Bobiş O., **2013**, Floral origin of different bee pollen samples, Bulletin UASVM Animal Science and Biotechnologies 70 (2):381-382, short communication.
10. **Rodica Mărgăoan**, L.A.Mărghitaş, D.Dezmirean, Otilia Bobiş, Cristina Mihai, **2012**, Physical-chemical composition of fresh bee pollen from Transylvania, Bulletin UASVM Animal Science and Biotechnologies 69(1-2): 351-355.
11. **Rodica Mărgăoan**, Mărghitaş L.A., Dezmirean D., Mihai C.M., Bobiş Otilia, **2010**, Bee collected pollen – general aspects and chemical composition, Bulletin UASVM Animal Science and Biotechnologies, 67(1-2): 254-259.

LUCRARI BDI CO-AUTOR

1. Erkan Topal, Özgür Ceylan, Mustafa Kösoğlu, **Rodica Mărgăoan**, Mihaiela Cornea-Cipcigan, **2020**, Structure, Usage Areas and Main Problems of Bees Wax, Uludag Bee Journal 20 (2): 209-220
2. Erkan Topal, Mihaiela Cornea-Cipcigan, Rahsan İvgin Tunca, Mustafa Kosoglu, **Rodica Mărgăoan**, **2020**, The Use of Medicinal Aromatic Plants Against Bee Diseases and Pests, Bee Studies, Ordu, Turkey, ISSN 2618-6438
3. Seçil Aldemir, Rahşan İvgin Tunca, Erkan Topal, **Rodica Mărgăoan**, **2019**, Factors Affecting the Intestinal Structures of Honeybees, Journal of Apiculture Research, 11(1), 28-34
4. Mirela Strant, Banu Yücel, Erkan Topal, Ana Maria Puscasu, **Rodica Mărgăoan**, Alina Varadi, **2019**, Use of Royal Jelly as Functional Food in Human and Animal Health, J. Anim. Prod., 60 (2): 131-144 DOI: 10.29185/hayuretim.513449
5. Erkan Topal, Mirela Strant, Banu Yücel, Mustafa Kösoğlu, **Rodica Mărgăoan**, Miray Dayioğlu, **2018**, Biochemical Properties and Apitherapeutic Usage of Queen Bee and Drone Larvae, J. Anim. Prod., 59 (2):77-82, DOI: 10.29185/hayuretim.455478
6. Adriana Urcan, Adriana Criste, Daniel Dezmirean, Otilia Bobiş, Liviu Mărghitaş, **Rodica Mărgăoan**, Alexandra Hrinca, **2018**, Antimicrobial Activity of Beebread Extracts Against Different Bacterial Strains, Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Animal Science & Biotechnologies- 75 (2): 85-91, DOI:10.15835/buasvmcn-asb: 2018.0004
7. Bobiş, O., Dezmirean, D., Mărghitaş, L. A., Bonta, V., **Mărgăoan, R.**, Claudia Paşca, Adriana Urcan, Pushpendra Singh Bandhari, **2017**, Beebread from *Apis mellifera* and *Apis dorsata*. Comparative Chemical Composition and Bioactivity. *Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Animal Science & Biotechnologies*,74(1).
8. Claudia Paşca, Liviu Al. Mărghitaş, Otilia Bobiş, Daniel S. Dezmirean, **Rodica Mărgăoan**, Carmen Mureşan, **2016**, Total content of polyphenols and antioxidant activity of different melliferous plants, Bulletin UASVM Animal Science and Biotechnologies, 73(1), DOI:10.15835/buasvmcn-asb:11762.

9. Carmen Ioana Muresan, Liviu Alexandru Mărghitaş, Daniel Severus Dezmirean, Otilia Bobiş, Victoriţa Bonta, Iulia Zacharias, **Rodica Mărgăoan**, Claudia Paşca, **2016**, Quality Parameters for Commercial Royal Jelly, Bulletin UASVM Animal Science and Biotechnologies, 73(1), DOI:10.15835/buasvmcn-asb:11630.
10. Claudia Paşca, Liviu Al. Mărghitaş, Dan Dezmirean , Otilia Bobiş , Victoriţa Bonta , **Rodica Mărgăoan** , Flore Chirilă , Nicodim Fit, **2015**, The Assessment of the Antibacterial Activity of some Plant Extracts on Normal and Pathogenic Microflora from Milk, Scientific Papers: Animal Science and Biotechnologies, Timişoara, 48 (1): 162-165.
11. Otilia Bobiş, Liviu Al. Mărghitaş, Daniel S. Dezmirean, Lavinia I. Bărnăuţiu, **Rodica Mărgăoan**, Bogdan Gherman, Victoriţa Bonta, **2013**, The importance of melissopalynology in addition to physico-chemical analysis on botanical authenticity testing of monofloral honey, Bulletin UASVM Animal Science and Biotechnologies, 70(1): 24-30.
12. Liviu Al Mărghitaş, Bărnăuţiu L., Dezmirean D., Bobiş O., Bonta V., **Mărgăoan R.**, Gherman B., **2013**, Determination of Trans-10-hydroxy-2-decenoic acid (10-HAD) in Transylvanian Royal Jelly, Bulletin UASVM Animal Science and Biotechnologies 70(1): 9-14.
13. Bonta V., Mărghitaş L.Al., **Mărgăoan R.**, Bobiş O., Dezmirean D., **2013**, Quantitative determination of vitamin C in honey and bee pollen using HPLC-DAD method, Bulletin UASVM Animal Science and Biotechnologies 70(1): 31-36.
14. Liviu Al. Mărghitaş, Daniel S. Dezmirean, **Rodica Mărgăoan**, Cristina M. Mihai, **2010**, Physico-Chemical Characterization and Antioxidant Activity of Transylvanian Propolis, Proceedings of the 1st International Animal Health Science Conference: The Beekeeping Conference, ISBN:978-1-935494-10-2.
15. Cristina Manuela Mihai, Liviu Al. Mărghitaş, Daniel Dezmirean, Ovidiu Maghear, **Rodica Mărgăoan**, Laura Stan Laslo, **2009**, Transylvanian Propolis from 7 Counties – Qualitative and Quantitative Analysis of Phenolics, Bulletin UASVM Animal Science and Biotechnologies, 66 (1-2).
16. Liviu Al. Mărghitaş, Paniti-Teleky Orsolya, Dezmirean Daniel, **Mărgăoan Rodica**, Bojan Cristina, Coroian Cristian, Laslo Laura, Moise Adela, **2008**, Morphometric differences between honey bees (*Apis mellifera carpatica*) populations from Transylvanian area, Lucrări ştiinţifice Zootehnie şi Biotehnologii, vol. 41, Timişoara.
17. Liviu Al. Mărghitaş, **Rodica Mărgăoan**, Daniel Dezmirean, Otilia Bobiş, Oltica Stanciu, Orsolya Paniti-Teleky, Laura Laslo, **2008**, Fourier transformed infra red spectroscopy in bee products analysis, Lucrări ştiinţifice Zootehnie şi Biotehnologii, vol. 41, Timişoara.
18. Mărghitaş L. Al., D. Dezmirean, Olimpia Popescu, Adela Moise, Oltica Stanciu, Victoriţa Bonta, Laura Laslo, **Rodica Mărgăoan**, Otilia Bobiş, **2008**, Honeydew Honey Produced in Transylvania: Physicochemical and Melisopallinological Evaluation For Authenticity Characterization, Bulletin UASVM Animal Science and Biotechnologies, 65(1-2).

PARTICIPARI LA CONFERINTE:

1. **Rodica Margaoan**, Stefan Arădăvoaicei, Cristian Radu Sisea, Mihaiela Cornea-Cipcigan, Mirela Irina Cordea, Methods of microscopic slides preparation to identify the pollen grains derived from different bee products, International Conference “Agriculture

for Life, Life for Agriculture”, 8-10 june 2023, Bucuresti, Romania, oral presentation

2. Carmen Ioana Mureșan, Mihaela Cornea-Cipcigan, Ramona Suharoschi, Silvio Erler, **Rodica Margaoan***, Honey Botanical Origin and Honey-Specific Protein Pattern:, Characterization of Some European Kinds of Honey, Icebees, Second International Congress on Bee Sciences, online 14-16 june 2023, Turkey, poster awarded with second best poster presentation
3. **Rodica Mărgăoan**, Aslı Ozkok, Saban Keskin, Nazlı Mayda, Adriana Cristina Urcan, Mihaela Cornea-Cipcigan, 2022, Bee Collected Pollen From Romania and Turkey as a Value-Added Product, Second International Congress on Biological and Health Sciences, online 24-27 February , Turkey, poster
4. Cornea-Cipcigan Mihaela, Pamfil Doru, **Mărgăoan Rodica**, 2022, Thermography-Based Assessment to Confirm Genotypic Variation for Abiotic Stress Response in Cyclamen, Second International Congress on Biological and Health Sciences, online 24-27 February , Turkey, poster
5. **Rodica Mărgăoan**, Erkan Topal, Ralitsa Balkanska, Banu Yücel, Titanilla Oravecz, Mihaela Cornea-Cipcigan and Dan Cristian Vodnar, 2021, Monofloral honeys as a potential source of natural antioxidants, minerals and medicin, 20th International Conference "LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT", September 23-24 , Cluj-Napoca, Romania ,poster
6. **Mărgăoan Rodica**, Cornea-Cipcigan Mihaela, Victorita Bonta, Iulia Zacharia, 2021, Study Regarding the Minerals Content, Amino Acids and Energetical Value in Three Monofloral Bee Collected Pollen, International congress on biological and health sciences, February 26-28, Turkey, poster
7. **Rodica Mărgăoan**, Flore Chirila, Mihaela, Cornea-Cipcigan, 2021, Bee pollen methanolic extracts: total polyphenols content and antibacterial activity, Agriculture for life, life for agriculture, June 3-5, Bucarest, Romania, poster
8. Daniel Gabriel Barta, **Rodica Mărgăoan**, Dan Cristian Vodnar, 2021, Biotechnological processes simulating the natural fermentation process of bee bread, 20th International Conference "LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT", September 23-24 , Cluj-Napoca, Romania poster
9. Mihaela Cornea-Cipcigan, Doru Pamfil, Cristian Radu Sisea, **Rodica Mărgăoan**, 2020, Changes in growth and physiological parameters of cyclamen accessions following an exogenous application of gibberellic acid, 19th International Conference "LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT", 24 th - 25 th September, Cluj-Napoca , Romania, poster
10. Octavia Tamas-Krumpe, Cornelia Doștețan Abălaru, Ramona Grosu, Andreea Buta, **Rodica Mărgăoan**, Laurenț Ognean, 2020, Medicinal properties of Thymus vulgaris essential oil: a review, Scientific Congress with International Participation 59th Annual Meeting of Veterinary Sciences "*Towards a Global Health*", 22 –23 October, Iasi, Romania, poster
11. **Rodica Mărgăoan**, Mihaela Cornea-Cipcigan, Maria Campos, 2019, Proposal for terminology of plants with pollen shape similarity – Review, 5th International Symposium on Bee Products, 7-10 May, Malta, poster
12. **Rodica Mărgăoan** Stefan ARadavoaicei, Mihaela Cornea-Cipcigan, Cristian Radu Sisea, 2019, The Role of Pollinators In Maintaining The Biodiversity of Some Exotic Cultures, ICERAT, Sarajevo, Bosnia si Herzegovina, oral presentation
13. **Rodica Mărgăoan**, Stefan Arădăvoaicei, Mihaela Cornea-Cipcigan, Cristian Radu

SISEA, **2019**, Review: Methods used in palynology, The 18h International Conference "LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT", 26th– 28th September, Cluj-Napoca, Romania, poster

14. Adriana Urcan , Adriana Criste, Daniel Dezmirean, **Rodica Mărgăoan** , André Caeiro, Maria Graça Campos, **2019**, HPLC/DAD phenolic fingerprint. An analysis capable of identifying the botanical origin of bee bread, 5th International Symposium on Bee Products, 7-10 May, Malta, poster
15. Carmen Ioana Mureșan, Ramona Suharoschi, **Rodica Mărgăoan**, **2019**, Investigation of honey botanical origin and protein pattern, The 18h International Conference "LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT" 26 th – 28 th September, Cluj-Napoca, Romania, oral presentation
16. Otilia Bobiș, Daniel Severus Dezmirean, Victorița Bonta, Adela Ramona Moise, **Rodica Mărgăoan**, **2019**, Botanical origin determination in honey samples with overrepresented pollen: palynological and physicochemical analysis from aphid laboratory, "LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT" 26 th – 28 th September, Cluj-Napoca, Romania, oral presentation
17. Adriana Aurori, **Rodica Mărgăoan**, Andrei-Cristian Căpraru, Diana Alexandra Pop, Mihaiela Cornea-Cipcigan, Ștefan Arădăvoaicei, Rodica Pop, Daniel Severus Dezmirean, Cristian Radu Sisea, **2019**, DNA extraction from pollen in honey for molecular analysis, "LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT" 26 th – 28 th September, Cluj-Napoca, Romania, poster
18. Octavia Maria Tamas-Krumpe, Flore Chirilă, **Rodica Mărgăoan**, Otilia Bobiș, Cornelia Doștețan Abălaru, Laurenț Ognean, **2019**, Evaluation of the bactericidal activity of some apiculture products with addition of essential oils, "life sciences for sustainable development" 26 th – 28 th September, Cluj-Napoca, Romania, poster
19. Mihaiela Cornea-Cipcigan, Cristian Radu Sisea, Rodica Pop, Doru Pamfil, Zsolt Szekely-Varga, **Rodica Mărgăoan**, **2019**, Effects of gibberellic acid and photoperiod on seed germination of cyclamen species, LIFE SCIENCES FOR SUSTAINABLE DEVELOPMENT" 26 th – 28 th September, Cluj-Napoca, Romania, poster
20. **Rodica Mărgăoan**, Adriana Urcan, Iulia Zacharias, Victorița Bonta, Erkan Topal , Alina Varadi, **2018**, Study regarding the content of the various nutrients in the *Crataegus monogyna*, *Brassica spp.* and *Prunus spp.* bee pollen, *EurBee Congress, Ghent, Belgia*, poster.
21. Topal E., Yucel B., **Margaoan R.**, Kosoglu M., Karaca Ü. **2018**, Effects of some behavior characteristics of honey bee (*Apis mellifera* L.) and bumble bee (*Bombus terrestris*) on cherry pollination (production, quality, phenology and yield) and climatic temperature change *Eurbee8*, 18-20 sept., Ghent, Belgia, poster
22. Erkan Topal , Banu Yücel , Cristina Bianca Pocol, Mustafa Kösoğlu , **Rodica Mărgăoan**, **2018**, Conventional Production Versus Sustainable Beekeeping Practices: Evidence from Producers and Consumers Proceedins Book of International Eurasian Congress on Natural Nutrition & Healthy Life, 12-15 July, Ankara-Turkey, poster
23. Urcan A.1, Mărghițaș L., Dezmirean D., Criste A., Bobiș O., Bonta V., **Mărgăoan R.**, Campos M., **2018**, The impact of solid state fermentation on bee pollen out layer and phenolic compounds, *Eurbee8*, 18-20 sept., Ghent, Belgia, poster
24. Orsolya Borsai, Doina Clapa, Alexandru Fira, Monica Hârta, **Rodica Mărgăoan**, **2018**, Hyperhydricity in *Rubus fruticosus* L. and *Aronia melanocarpa* (Michx.) elliot plants regenerated *in vitro*, 17th International Symposium Prospects for the 3rd millenium agriculture, Cluj- Napoca, România, poster.

25. **Rodica Mărgăoan**, Liviu Al. Mărghitaș, Daniel S. Dezmirean, Otilia Bobiș, Corina Cătană, Flore Chirilă, Claudia Pașca, Adriana Urcan, **2016**, Antimicrobial activity of different bee ollen methanolic extracts and correlation with their polyphenolic content, EurBee Congress, Cluj-Napoca, Romania, poster.
26. Otilia Bobiș, Liviu Al. Mărghitaș, Daniel S. Dezmirean, Victorita Bonta, **Rodica Mărgăoan**, Claudia Pașca, Adrina Urcan, **2016**, Biological application of different Romanian honey produced by *Apis mellifera*, EurBee Congress, Cluj-Napoca, Romania, oral presentation.
27. Claudia Pașca, Liviu Al. Mărghitaș, Daniel S. Dezmirean, Otilia Bobiș, Victorita Bonta, Adrina Urcan, **Rodica Mărgăoan**, Flore Chirilă Fiț Nicodim, **2016**, The effect of some alcoholic extracts of bee pollen and propolis against *E. coli*, EurBee Congress, Cluj-Napoca, Romania, poster.
28. Adrina Urcan, , Liviu Al. Mărghitaș, Daniel Dezmirean, Otilia Bobiș, Victorita Bonta, Claudia Pașca, **Rodica Mărgăoan**, **2016**, Investigation of the free amino acid profile and carbohydrates content of bee bread, EurBee Congress, Cluj-Napoca, Romania, poster.
29. **Rodica Mărgăoan**, D. Dezmirean, L. Marghitas, O. Bobis, F. Chirila, **2016**, *Crataegus monogyna* vs. *Salix sp.* bee pollen: nutritive value and biologicaly activity, Apimedita & Apiquality, Roma, Italia, oral presentation
30. **Rodica Mărgăoan**, Liviu Al. Mărghitaș, Marius Zăhan, Dan Dezmirean, Otilia Bobiș, Bogdan Gherman, **2014**, Antitumor activity of metanol pollen extract on murine colon cancer cell line, EurBee Congress, Murcia, Spania, poster
31. Otilia Bobiș, Liviu Al. Mărghitaș, Daniel Dezmirean, Victorita Bonta, **Rodica Mărgăoan**, Bogdan Gherman, **2014**, Comparation of phenolic compounds and antioxidant activity of hawthorn (*Crataegus monogyna*) honey, herbhoney and plant extracts, EurBee Congress, Murcia, Spania, poster
32. Bogdan Gherman, Daniel Dezmirean, Otilia Bobiș **Rodica Mărgăoan**, Victorita Bonta, Liviu Mărghitaș, **2014**, Varroa infestation control using volatile oils from medicinal plants, ApiOrganica Congress, Bologna Italia, poster.
33. Daniel Dezmirean, Liviu Al. Mărghitaș, Otilia Bobiș, **Rodica Mărgăoan**, Bogdan Gherman, **2014**, Heather honey (*Calluna vulgaris*) - high opportunity for organic beekeeping, ApiOrganica Congress, Bologna Italia, poster
34. Liviu Al. Mărghitaș Otilia Bobiș Daniel Dezmirean, Victorita Bonta, Bogdan Gherman, **Rodica Mărgăoan**, **2014**, Using bee products and plant extracts for American Foulbrood Control, ApiOrganica Congress, Bologna Italia, poster.
35. **Mărgăoan R.**, Mărghitaș L., Dezmirean D., Bobiș O., **2013**, Floral origin of different bee pollen samples, Bulletin USAMV Animal Science and Biotechnologies, poster
36. Olimpia Popescu, Liviu Al. Marghitas, Victorita Bonta, Laura Laslo, Adela Moise, Oltica Stanciu, **Rodica Mărgăoan**, Otilia Bobis, **2008**, Studies on the physico-chemical parameters of honeydewhoney from Transylvania, 1st World Honeydew honey symposium, Tzarevo, Bulgaria, poster.

PRȚICIPARI LA CONGRESE:

1. Congresul al VII-lea de Apiterapie, 17-19 oct., 2014, Brașov
2. Congresul al V-lea de Apiterapie, 21-23 sept., 2012, Cluj-Napoca
3. Primul congres național de apiterapie și apipunctură „Apiterapia de la Tradiție la Modernism”, 7-9 dec., 2007, Cluj-Napoca