



Europass Curriculum Vitae

Informații personale

Prenume / Nume **George Andrei Draghici**

Adresă

Telefon

E-mail

Naționalitate

Data nașterii

Experiență profesională

Data	2015 – prezent
Funcția sau postul ocupat	Asistent Universitar – Disciplina Toxicologie
Activități și responsabilități principale	Învățământ superior (activitate didactică de laborator – Toxicologie), Cercetare științifică
Numele și adresa angajatorului	Universitatea de Medicină și Farmacie "Victor Babes", Piața Eftimie Murgu Nr. 2, 300041, Timișoara, Romania
Data	2015 – 2017
Funcția sau postul ocupat	Asistent cercetător– Departmentul de Genetică
Activități și responsabilități principale	activitate de cercetare științifică
Numele și adresa angajatorului	Universitatea de Vest „Vasile Goldiș”, B-dul Revoluției nr. 94, Arad, Romania

Educație și formare

Data	04.03.2015 - 01.06.2015
Denumirea calificării obținute	Traineeship Certificate
Disciplinele principale studiate/competențele profesionale dobândite	Quality Analysis and Evaluation of Food Products; overall mark for training: A (excellent)
Instituția de învățământ	University of Technology and Life Sciences Faculty of Agriculture and Biotechnology, 6 Bernardynska St., 85-029 Bydgoszcz, Poland

Data	05.10.2014 - 03.03.2015
Titlul certificatului sau al diplomei obținute	Traineeship Certificate

Disciplinele principale studiate/competențele profesionale dobândite	Bioalcohol Extraction from Different Sources; overall mark for training: A (excellent)
Instituția de învățământ	University of Technology and Life Sciences Faculty of Agriculture and Biotechnology, 6 Bernardynska St., 85-029 Bydgoszcz, Poland
Data Titlul certificatului sau al diplomei obținute	2013 – 2015 Diplomă de master
Disciplinele principale studiate/competențele profesionale dobândite	Sisteme de procesare a principiilor bioactive naturale
Instituția de învățământ	Facultatea de Tehnologia Produselor Agroalimentare, Universitatea de Științe Agricole și Medicina Veterinară a Banatului Regele Mihai I al României Timisoara, România
Coordonator teză	Prof. univ. Dr. Iosif Gergen
Titlu teză	Caracterizarea calitativă a două tipuri de făină
Data Titlul certificatului sau al diplomei obținute	2009 – 2013 Diplomă de licență
Disciplinele principale studiate/competențele profesionale dobândite	Chimie alimentară și tehnologii biochimice
Instituția de învățământ	Facultatea de Tehnologia Produselor Agroalimentare, Universitatea de Științe Agricole și Medicina Veterinară a Banatului Regele Mihai I al României Timisoara, România
Coordonator teză	Dr. ing. Despina – Maria Bordean
Titlu teză	Alimente funcționale și hipocalorice
Data Titlul certificatului sau al diplomei obținute	2004 – 2008 Diplomă de Bacalaureat
Instituția de învățământ	Liceul Tehnologic "Alexandru Vlahuță", Șendriceni, Dorohoi, România

Competențe personale

Limba maternă Română

Alte limbi străine cunoscute Engleză, Spaniolă

Evaluare

Nivel european (*)	Înțelegere		Vorbire		Scriere
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	B 2	B 2	B 2	B 2	B 2
Spaniolă	A 2	A 1	A 1	A 1	A 1

(*) Common European Framework of Reference for Languages

Competențe de comunicare Bune abilități de comunicare dobândite câștigate în urma experienței Erasmus + și a participărilor și a prezentărilor la congrese științifice naționale și internaționale

Competențe organizaționale/manageriale Leadership, bună organizare, atenție la detalii, muncă sub presiune



Competențe dobândite la locul de muncă

- Biologie moleculară: spectrofotometrie, PCR ,RT-PCR, izolare ADN, ARN
- Chimie analitică : titrare karl fischer, gaz-cromatografie, FOSS Infratec, Infratec™ 1241 Grain Analyser, FAS
- model experimental (melc) de hepatotoxicitate indusa cu cadmiu

Competență digitală Microsoft Office™ (Word™, Excel™, Visio and PowerPoint™), Statistic 8, ImageJ, PhotoShop, Past.

Permis auto categoria B

Informații suplimentare

Membru al:

Organizația Salvați Copii România

Granturi de cercetare:

Membru în echipa de cercetare pentru proiectele:

"O abordare epitoxicogenomica hepatotoxicitatii cadmiului: un model gasteropod" - PN-II-RU-TE-2014-4-0776 - Director Proiect Dr. Dragoș Nica (2015 – 2017)

„ Evaluarea aplicabilității clinice a unor biomarkeri ADN în managementul tratamentului personalizat în cancerul de prostată” - PN-II-RU-TE-2014-4-2854 - Director Proiect Conf. Dr. Popescu Cristina (2015 – 2017)

"*In vitro* and *in vivo* evaluation of phamacokinetic and pharmacodynamic profile of triterpenic compounds nanoformulations with antitumoral effect" - PN-II-RU-TE-2014-4-2842 – Project Manager: Conf. Dr. Farm Dorina Coricovac (2015 – 2017)

Internships :

Graduate Certificate, Smithfield Romania Internship Program



Annexe

Lucrări publicate:

Publicații ISI:

- **Drăghici, G. A.**, Dehelean, C., Pinzaru, I., Bordean, D. M., Borozan, A., Tsatsakis, A. M., ... & Nica, D. (2019). Soil copper uptake by land snails: a semi-field experiment with juvenile *Cantareus aspersus* snails. *Environmental toxicology and pharmacology*, 103243. (IF= 3.061)
- **Drăghici, G. A.**, Dehelean, C. A., Pinzaru, I., Bordean, D. M., Pop, G., & Nica, D. (2019). An 112-Days Experiment on Dietary Cadmium Retention in Hepatopancreas in Adult *Cantareus aspersus* Snails. *REVISTA DE CHIMIE*, 70(8), 2803-2804.
- Moacă, E. A., Farcaș, C., Coricovac, D., Avram, S., Mihali, C. V., **Drăghici, G. A.**, ... & Dehelean, C. (2019). Oleic Acid Double Coated Fe₃O₄ Nanoparticles as Anti-Melanoma Compounds with a Complex Mechanism of Activity—In Vitro and In Ovo Assessment. *Journal of biomedical nanotechnology*, 15(5), 893-909.
- Gyori, Z., Susan, M., Susan, R., **Drăghici, G. A.**, Trandafirescu, C., Cheveresan, A., ... & Bratu, T. (2019). Melanoma Cell Lines Role in Obtaining New Drug Candidates for Combating the Malignant Pathology of the Cutaneous Organ. *REVISTA DE CHIMIE*, 70(3), 943-945.
- Nica, D. V., **Drăghici, G. A.**, Andrica, F. M., Popescu, S., Coricovac, D. E., Dehelean, C. A., ... & Tsatsakis, A. (2019). Short-term effects of very low dose cadmium feeding on copper, manganese and iron homeostasis: A gastropod perspective. *Environmental toxicology and pharmacology*, 65, 9-13. (IF = 2.776)
- Chioibas, R., Susan, R., Susan, M., Mederle, O., **Drăghici, G. A.**, Radulescu, M., ... & Marti, D. (2019). Antimicrobial Activity Exerted by Total Extracts of Germander. *REVISTA DE CHIMIE*, 70(9), 3242-3244.
- Dragos Nica, Cristina Popescu, **George Drăghici**, Ionela Privistirescu, Maria Suci, Reinhard Stöger, - *Effect of cadmium on cytosine hydroxymethylation in gastropod hepatopancreas*, Environmental Science and Pollution Research, accepted for publication May 2017 DOI: 10.1007/s11356-017-9104-4, (IF = 2.741)
- Nica, D.V., Popescu, C., **Drăghici, G.A.**, Andrica, F.M., Privistirescu, I.A., Gergen, I.I., Stöger, R. *High-level dietary cadmium exposure is associated with global DNA hypermethylation in the gastropod hepatopancreas*, PLoS One, 2017,12(9), ISSN: 1932-6203 (IF=2.806)
- Florina – Maria Andrica, **George Andrei Drăghici**, Codruța Soica, Iulia Pinzaru, Dorina Coricovac, Cosmin Cîtu, Cristina Dehelean - *Antioxidant Activity Assessment of Ethanolic Spirulina Extracts*, Chemistry Magazine, 2016, 67 (2), (289-290), ISSN 0034-7752, (IF = 0.81)
- Dragos V. Nica, Filimon M N, Despina-Maria Bordean, Harmanescu M, **George Andrei Drăghici**, Dragan S, Iosif I. Gergen, *Impact of soil cadmium on land snails: a two-stage exposure approach under semi-field conditions using bioaccumulative and conchological endpoints of exposure*, PLOS ONE, accepted for publication, Jan 2015, PONE-D-14-42577R1, (IF = 3.534)
- Coricovac, D., Pavel, I. Z., Drăghici, G. A., Pinzaru, I., Avram, S., Mioc, M., ... & Dehelean, C. A. (2017). In vitro anti-proliferative and antimetastatic effects of lupan pentacyclic triterpenes. *Toxicology Letters*, 280, S273.

Capitol carte:

- **Drăghici, G. A.**, Dehelean, C., Susan, R., Berceanu-Văduva, D., & Nica, D. (2020). Indoor Hibernation of *Helix aspersa* Juveniles. In *Invertebrates-Ecophysiology and Management*. IntechOpen.

Publicații SCOPUS:

- Gogoasa I, Liana Alda, Rada M, Negrea P, Negrea A, Despina-Maria Bordean, Velciov A, **George Andrei Drăghici**, Gergen I, *Goji berries (Lycium barbarum) as a source of trace elements in human nutrition*, Journal of Agroalimentary Processes and Technologies 2014, 20(4), 369-372, INDEX COPERNICUS, CABI;
- Pirvulescu L., Bordean DM, Popescu I, Sirbulescu C, **George Andrei Drăghici**, *Profile of mineral compounds from ginger (Zingiber officinale)*, Facultatea de Management Agricol, Lucrări Științifice, SERIA I, VOL.XVI (4), 2014, p.132-135, <http://www.lisma.ro/index.php/lisma/article/view/590/316>, CNCSIS, categoria B+ și este indexat în următoarele Baze de Date Internaționale: DIRECTORY OF OPEN ACCESS JOURNALS (DOAJ), EBSCO, CABI Full Text, INDEX COPERNICUS.
- **George Andrei Drăghici**, Sida L, Borozan Aurica-Breica, Nica D., Alda S., Alda L, Gogoasă I., Gergen I., Bordean Despina, *Mineral content of some Cruciferae species, available on romanian market*, Journal of Horticulture, Forestry and Biotechnology, vol. 17 (4), 49-51, 2013, INDEX COPERNICUS, CABI – publishing website serials cited submission
- **George Andrei Drăghici**, Lupu Maria Alexandra, Borozan Aurica-Breica, Nica D., Alda S., Alda Liana, Gogoasă I., Gergen I., Bordean Despina, *Red cabbage, millennium's functional food*, Journal of Horticulture, Forestry and Biotechnology, vol. 17 (4), 52-55, 2013, INDEX COPERNICUS, CABI – publishing website serials cited submission



Abstracte publicate:

- Draghici, G. A., Nica, D., Dehelean, C., Susan, R., & Susan, M. (2020, February). DNMT gene expression in *Cantareus aspersus* snails exposed to low cadmium dose. In NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY (Vol. 393, No. SUPPL 1, pp. 53-54). ONE NEW YORK PLAZA, SUITE 4600, NEW YORK, NY, UNITED STATES: SPRINGER.
- Borozan A.B., Nica D., Filimon M.N., Horablaga M., Popescu R., Horablaga A., Madosa E., **George Andrei Drăghici**, Bordean D., Cojocariu L., The antimicrobial activity of two species of ment (*Mentha spicata* Var. *Viridis* and *Mentha Smithiana*), The 6th National Congress and the 32th Annual Scientific Session of RSCB, 4-7 june 2014, Targu Mures (Romania), published in: Bulletin of Romanian Society for Cell Biology No 42, June 2014, "Vasile Goldis" University Press, Arad, ISSN: 1584-5532, pp 90
- Aurica Breica Borozan, Cojocariu L., Sandoiu I., Despina Maria Bordean, Marinel Horablaga, **George Andrei Draghici**, Moldovan C, *The bacterial component of soil as a result of using annual fodder mixes as green fodder*, The 20th International Symposium on Analytical and Environmental Problems, 22 September 2014, Szeged, HUNGARY, p.151-154
- Despina-Maria Bordean, Gergen I., Catargiu A., Borozan A.B., **George Andrei Drăghici**, Luminita Pirvulescu, Camelia Ciobanu, Liana Alda, Ioan Gogoasa, *Chemical Fingerprint of some mint teas available on the romanian market*, The 20th International Symposium on Analytical and Environmental Problems, 22 September 2014, Szeged, HUNGARY, p.155-158
- Diana Moigradean, Mariana-Atena Poiana, Liana-Maria Alda, Simion Alda, **George-Andrei Draghici**, *Evaluation of Tomato Yield Using Statistical Tests*, Proceedings of the 21st International Symposium on Analytical and Environmental Problems University of Szeged 2015 ISBN 978-963-306-411-5
- Despina-Maria Bordean *, Marinel Horablaga, Ioan Gogoasa, **George Andrei Draghici**, Lidia Sida, Luminita Pirvulescu **, Luminita Cojocariu, Aurica Breica Borozan, *Influence of Termic Treatment on *Armoracia Rusticana* Roots and Leaves, Total Polyphenols Content*, Proceedings of the 21st International Symposium on Analytical and Environmental Problems University of Szeged 2015 ISBN 978-963-306-411-5
- Liana Maria Alda, Simion Alda, Diana Moigradean, Teodor Cristea, **George Andrei Draghici**, Luminita Pirvulescu, Iosif Gergen, *The Influence of Total Chromium Soil Content on the Maize Zinc Levels, in a Polluted Area*, Proceedings of the 21st International Symposium on Analytical and Environmental Problems University of Szeged 2015 ISBN 978-963-306-411-5
- Ioan Gogoasă, Liana Maria Alda, **George Andrei Drăghici**, Despina-Maria Bordean, Adina Negrea, Gheorghita Jigoria, Ariana Velciov, Maria Rada, Antonela Cozma, Iosif Gergen, *Bio-Minerals Contribution of Seasonal Fruits to the Recommended Dietary Allowances*, Proceedings of the 21st International Symposium on Analytical and Environmental Problems University of Szeged 2015 ISBN 978-963-306-411-5
- **George Andrei Draghici**, Dragos Nica, Ioan Gogoasa, Liana Alda, Iosif Gergen, Despina-Maria Bordean, *Polish white flour quality evaluation*, Faculty of Food Processing, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timișoara
- Andrei Dorel Catargiu, Dan Raican, **George Andrei Draghici**, Lavinia Sarbu, Ioan Gogoasa, Iosif Gergen, Despina-Maria Bordean, *Total antioxidant capacity of a functional food mix based on bees honey, cocoa and green coffee beans* - The 6th International Conference on Food Chemistry, Engineering Food Chemistry, Engineering & Technology

Prezentări orale

- **George Andrei Drăghici**, Lidia Sida, Dan Raican, Tivadar A.S., Sirbu L., Borozan A.B., Pirvulescu L., Bordean D-M, *Total antioxidant capacity of *Armoracia Rusticana* leaf and root alcoholic extract*-The 6th International Conference on Food Chemistry, Engineering & Technology
- **George Andrei Drăghici**, Dragos V. Nica, Ioan Gogoasa, Liana Alda, , Iosif I. Gergen, Despina-Maria Bordean, *Polish white flour quality evaluation*- The 6th International Conference on Food Chemistry, Engineering & Technology
- Andrei Dorel Catargiu, Dan Raican, **George Andrei Drăghici**, Lavinia Sarbu, Ioan Gogoasa, Iosif Gergen, Despina-Maria Bordean- The 6th International Conference on Food Chemistry, Engineering & Technology
- **George Andrei Draghici**, Coandras L-A , Liana Alda, Ioan Gogoasa, Aurica Breica Borozan, Simion Alda, Despina-Maria Bordean, Iosif Gergen *Water Content in Peel and Pulp of Some Apples and Pears Assortments Available on the Romanian Market* – The 5th International Conference on Food Chemistry, Engineering & Technology

Postere

- Dragos Vasile Nica, Cristina Popescu, **George Andrei Draghici**, Florina Andrica, Andreea Anechitei, Maria Suci, *Cadmium hepatotoxicity: an epigenetic gastropod-based approach* - Environmental and (eco)toxicological Omics and Epigenetics: Science, Technology and Regulatory Applications SETAC/iOES Ghent, Belgium
- **George Andrei Draghici**, Dragos Nica, Ioan Gogoasa, Liana Alda, Iosif Gergen, Despina-Maria Bordean, *Polish white flour quality evaluation*, The 6th International Conference on Food Chemistry, Engineering Food Chemistry, Engineering & Technology



- **George Andrei Drăghici**, Lidia Sida, Dan Raican, Tivadar A.S., Sirbu L., Borozan A.B., Pirvulescu L., Bordean D-M, Total antioxidant capacity of *Armoracia Rusticana* leaf and root alcoholic extract-The 6th International Conference on Food Chemistry, Engineering & Technology
- **George Andrei Draghici**, Coandras L-A , Liana Alda, Ioan Gogoasa, Aurica Breica Borozan, Simion Alda, Despina-Maria Bordean, Iosif Gergen Water Content in Peel and Pulp of Some Apples and Pears Assortments Available on the Romanian Market – The 5thInternational Conference on Food Chemistry, Engineering & Technology
- Andrei Dorel Catargiu, Dan Raican, **George Andrei Draghici**, Lavinia Sarbu, Ioan Gogoasa, Iosif Gergen, Despina-Maria Bordean, *Total antioxidant capacity of a functional food mix based on bees honey, cocoa and green coffee beans* - The 6th International Conference on Food Chemistry, Engineering Food Chemistry, Engineering &Technology
- Dragos Nica, **George Andrei Draghici**, Despina Bordean Mariam, Florina Andrica, Andreea Anechitei, Iosiv Gergen, *Manganese, But not Copper, is Highly responsive to Cadmium accumulation in Snail Hepatopancreas* al 8 – lea Congres National cu Participare Internationala si a 34 –a Sesiune Nationala a Societatii Romane de Biologie Celulara, Oradea -Baile Felix.

