

# CURRICULUM VITAE



<b>PERSONAL INFORMATION</b>	
Name	<b>SARACILA MIHAELA</b>
Address	Calea Bucuresti, 1, Balotesti, Ilfov
Phone number	0040-21-3512082
Mail	<a href="mailto:mihaela.saracila@yahoo.com">mihaela.saracila@yahoo.com</a> ; <a href="mailto:mihaela.saracila@ibna.ro">mihaela.saracila@ibna.ro</a>
ORCID ID	<a href="https://orcid.org/0000-0002-3878-8433">https://orcid.org/0000-0002-3878-8433</a>
Nationality	Romanian
Date of birth	20.11.1993; Giurgiu, jud. Giurgiu, Romania
Education	<ul style="list-style-type: none"> <li>▪ <b>2018-2021 - PhD in Animal Husbandry</b>- University of Agricultural Sciences and Veterinary Medicine, Faculty of Animal Productions Engineering and Management., Bucharest (Romania) Thesis topic: <i>Innovative nutritional solutions to ensure the performance of the digestive tract of broiler chickens reared under high heat stress conditions</i>”</li> <li>▪ <b>2016-2018 - Master of Science- Food Expertise</b>, University of Agricultural Sciences and Veterinary Medicine, Bucharest (Romania)</li> <li>▪ <b>2012–2016 - Bachelor of Science</b> - University of Agricultural Sciences and Veterinary Medicine, <i>Food Control and Expertise</i>, Bucharest, Romania</li> </ul>
<b>WORK EXPERIENCE</b>	
Period	<b><u>JANUARY 2021-PRESENT</u></b>
Position and occupation	<b><u>Scientific Researcher III<sup>rd</sup></u></b>
Name and address of the employer	<b>National Research-Development Institute for Animal Biology and Nutrition - IBNA Balotesti, Calea Bucuresti, no. 1, Balotesti, Ilfov Laboratory of Chemistry and Physiology of Nutrition</b>
Type of business or sector	Laboratory of Chemistry and Nutrition Physiology
The main activities and interest	<ul style="list-style-type: none"> <li>- - Development of new research directions</li> <li>- - Calculation and interpretation of analytical data</li> <li>- - Responsibilities in the Chemistry Laboratory and in the research projects carried out</li> <li>- - Participation in the elaboration of patents filed with OSIM</li> <li>- - Elaboration of scientific articles</li> <li>- - Responsibilities within the research-development contracts</li> </ul>
<b>WORK EXPERIENCE</b>	
Period	<b><u>2020- PRESENT</u></b>

Position and occupation	<b>Assistant Professor</b>
Name and address of the employer	University of Agronomic Sciences and Veterinary Medicine, Bucharest
Type of business or sector	Faculty of Engineering and Animal Production Management
The main activities and responsibilities	- Teaching activities - Holder of practical works in the disciplines of Food Safety and Security in Consumer Protection, Human Nutrition, Food Analysis - Scientific activities Type or sector of activity University of Agronomic Sciences and Veterinary Medicine, Bucharest - Faculty of Engineering and Animal Production Management
<b>WORK EXPERIENCE</b>	
Period	<b>2018-2020</b>
Position and occupation	<b>Scientific Researcher</b>
Name and address of the employer	National Research-Development Institute for Animal Biology and Nutrition (IBNA), 1, Calea Bucuresti, Balotesti, 077015, Ilfov (Romania)
Type of business or sector	Laboratory of Chemistry and Nutrition Physiology
Period	<b>OCTOBER 2016- JUNE 2018</b>
Position and occupation	<b>Research Assistant</b>
Name and address of the employer	National Research-Development Institute for Animal Biology and Nutrition (IBNA), 1, Calea Bucuresti, Balotesti, 077015, Ilfov (Romania)
Type of business or sector	Laboratory of Chemistry and Nutrition Physiology
<b>EDUCATION AND TRAINING</b>	
Type of qualification / diploma obtained	Graduation diploma
Field of study / occupational skills	EXPERIMENTAL TECHNIQUE AND RESEARCH IN ZOOLOGY'
Name and type of educational institution and professional organization through which training has been carried out	ZOOLOGY Section of the Academy of Agricultural and Forestry Sciences "GHEORGHE IONESCU-ȘIȘEȘTI", together with I.N.C.D.-IBNA Balotești, 1-5.11. 2021 by Prof. univ. dr. ing Horia Grosu
<b>EDUCATION AND TRAINING</b>	
Type of qualification / diploma obtained	Certificate number 850/P/C 05/ March 23-34, 2017
Field of study / occupational skills	Practical aspects related to the assurance of analytical quality: Validation of methods and Control of test results - in physico-chemical analysis
Name and type of educational institution and professional organization through which training has been carried out	SC. FiaTest. SRL, Bucharest
<b>EDUCATION AND TRAINING</b>	
<b>Field of study / occupational skills</b>	Training of histological techniques on intestinal samples - partner Western University "Vasile Goldis" from Arad, Faculty of Medicine November 25-29, 2018
<b>EDUCATION AND TRAINING</b>	

<b>Field of study / occupational skills</b>	- Working group meeting organised by COST CA15224 action on Keel bone damage (January 14-15, 2019) - Training School,, Histology of Avian Bone'' organised by COST CA15224 action on Keel bone damage'', January 16-17, 2019, The Roslin Institute, University of Edinburgh, Easter Bush Campus, Midlothian, EH25 9RG, Scotland, UK.		
<b>EDUCATION AND TRAINING</b>	INTERNATIONAL SCHOLARSHIP EXCHANGE OF PHD AND YOUNG ACADEMIC STAFF (PEOPLE UNDER 40 YEARS OF AGE), GRANTED BY THE POLISH NATIONAL AGENCY FOR ACADEMIC EXCHANGE (NAWA)		
<b>Field of study / occupational skills</b>	Documentation and data acquisition for the doctoral thesis at Wrocław University of Environmental and Life Sciences-Department of Animal Nutrition and Feed Management through PROM Programme (31.05.2019-1.07.2019).		
<b>PERSONAL SKILLS</b>			
Mother tongue(s)	Romanian		
Foreign language(s)	<b>LISTENING</b>	<b>WRITING</b>	<b>SPEAKING</b>
English	Good	Good	Good
French	Good	Good	Good

<p><b>Organizational skills and competences</b></p>	<p><b><i>Participation in the proposal of the following projects/grants:</i></b></p> <ul style="list-style-type: none"> <li>• PN 18 20 0102- Sustainable nutritional strategies for farm animals that lead to more efficient use of nutrients.</li> <li>• PN 19 09 0102- Studies on the contribution of animal nutrition in maintaining production parameters and food quality from monogastric animals reared under conditions of high heat stress</li> <li>• Proiect 8 PCCDI/2018-PC 3 « Bird nutrition - a natural way to maintain a healthy digestive tract, performance and food quality under conditions of antibiotic prohibition »</li> </ul> <p><b><i>Member in the research team of the following projects :</i></b></p> <ul style="list-style-type: none"> <li>▪ ADER 9.1.2./14.10.2019 Ministry of Agriculture and Rural Development, Research on the use of phytoadditives in feeding of birds to reduce environmental pollution with nitrogen’’</li> <li>▪ IBNA-VALORIF, 2017-2020. “IBNA: Institutional development towards scientific performance and impact in zootechnical practice, Contract no. 17 PFE/ 17.10.2018</li> <li>▪ PN 19 09 0102/2019 - Studies on the contribution of animal nutrition in maintaining production parameters and food quality from monogastric animals reared under conditions of high heat stress "</li> <li>▪ Proiect 8 PCCDI/2018-PC 3- «Bird nutrition - a natural way to maintain a healthy digestive tract, performance and food quality under conditions of antibiotic prohibition»</li> <li>▪ POC_CONTRACT - AGROPREST „Compound feeds for laying hens in order to increase the nutritional quality of eggs"</li> <li>▪ POC_CONTRACT - AVITOR „Nutritional solutions for obtaining eggs enriched in polyunsaturated fatty acids"</li> <li>▪ ADER 9.1.2./14.10.2019 „Research on the use of phytoadditives in poultry feed in order to reduce environmental pollution with nitrogen"</li> <li>▪ BRIDGE GRAND, ZEOCOWPRO, Contract no. 11BG/2016- Innovative technologies for the use of natural zeolites in the feeding of dairy cows with a favorable impact on the environment and efficiency of production</li> <li>▪ PTE, BIOCAROMIN, Contract no. 57/2016 - Development of a new technology for enriching egg in carotenoids and trace elements, food with maximum safety on human health</li> <li>▪ Bridge Grand Carromeggs, Contract no. BG 2/octombrie 2016 - Chicken egg enriched in n-3 polyunsaturated fatty acids and carotenoid compounds - functional food obtained by including in the diet of laying hens heat-treated flax seeds and some waste from vegetable processing</li> <li>▪ PTE_LUMISOL_Contract no. 43/2016- New nutritional solutions for laying hens, rich in cellulose, decisive in increasing the competitiveness of a poultry unit by reducing production costs and increasing the quality of eggs</li> <li>▪ Ader 612. Contract no.: 6.1.2./01.10.2015- Improving the capitalization of industrial by-products by developing for farm animals innovative nutritional strategies friendly to animals, humans and the environment, a component of sustainable agriculture</li> <li>▪ PN 18 20/ 2018 Strengthening animal nutrition research in order to increase the impact at national and international level</li> <li>▪ PN 16 41/ 2016-2018- Development of animal biology and nutrition research in order to increase the impact at national and international level (BNA_plus)</li> </ul>
<p><b>Reviewer / member activity in Editorial Board</b></p>	<ul style="list-style-type: none"> <li>• Member of the Editorial Team of Archiva Zootechnica Journal as Assistant Editor</li> <li>• Member of the Editorial Board of Osmaniye Korkut Ata University Journal of Natural and Applied Sciences (OKU Journal of Nat. &amp; App. Sci)</li> <li>• Reviewer of <i>Animals, Molecules, Foods, Italian Journal of Animal Science, South African Journal of Animal Science</i></li> </ul>

<b>Technical skills and competences</b>	MS Office (Word, Excel, Power Point), Statistical View Software, GraphPad, Addinsoft.
<b>Communication skills</b>	- Team work Good communication skills obtained during internships abroad
<b>Job-related skills</b>	- Good skills in using laboratory equipment - Good skills in adapting / optimizing analytical methods in the laboratory
<b>Other skills</b>	Graduation certificate for training modules for the teaching profession - Level I and II, University of Agronomic Sciences and Veterinary Medicine in Bucharest, Romania, Department for Teaching Staff Training (D.P.P.D)
<b>Driving licence</b>	B

## PUBLICATION LIST

### **Patent application:**

Compound feed for chickens (28-42 days) whose structure contains compounds with antioxidant potential; Authors: Saracila Mihaela, Untea Arabela Elena, Panaite Tatiana Dumitra, Varzaru Iulia, Turcu Raluca Paula, Vlaicu Petru Alexandru, Oancea Alexandra, Ropota Mariana, Nr. Înregistrare Osim: A/00348/ 20.07.2022

### **Book chapter:**

Saracila M., Criste R.D., Panaite T.D, Untea A., Vlaicu P.A., (2019). Oregano: properties and uses in the nutrition of broilers reared under heat stress, In Oregano: Properties, Uses and Health Benefits, ed. Nova Science Publishers, Inc. New York, Chapter 9, pp. 259-292

### **Articles published in International Scientific Indexing Journals (ISI)**

Saracila M., Panaite T.D., Papuc C.P., Criste R.D., 2021. Heat stress in broiler chickens and the effect of dietary polyphenols, with special reference to willow (*Salix* spp.) bark supplements—a review. *Antioxidants* 10, 686. <https://doi.org/10.3390/antiox10050686>

Saracila, M., Untea, A. E., Panaite, T. D., Varzaru, I., Oancea, A., Turcu, R. P., & Vlaicu, P. A. (2022). Creeping Wood Sorrel and Chromium Picolinate Effect on the Nutritional Composition and Lipid Oxidative Stability of Broiler Meat. *Antioxidants*, 11(4), 780

Saracila, M., Panaite, T. D., Mironeasa, S., & Untea, A. E. (2021). Dietary supplementation of some antioxidants as attenuators of heat stress on chicken meat characteristics. *Agriculture*, 11(7), 638.

Saracila M., Panaite T.D., Tabuc C., Soica C., Untea A., Varzaru I., Wojdyło A., Criste Rodica D. Maintaining intestinal microflora balance in heat-stressed broilers using dietary creeping wood sorrel (*Oxalis corniculata*) powder and chromium (chromium picolinate), *Spanish Journal of Agricultural Research*, [S.I.], v. 18, n. 3, p. e0612, oct. 2020. ISSN 2171-9292, <https://doi.org/10.5424/sjar/2020183-16146>.

Saracila M., Panaite T. D., Soica C., Tabuc C., Olteanu M., Predescu C., Rotar C. M. & Criste R.D. (2019). The use of a powder hydroalcoholic extract of *Salix alba L.* bark in broiler diet exposed to high heat stress, *South African Journal of Animal Science*. 49 (5), 942 – 954.

Saracila, M., Criste, R. D., Panaite, T. D., Vlaicu, P. A., Tabuc, C., Turcu, R. P., & Olteanu, M. (2018). *Artemisia Annu* as Phytogetic Feed Additive in the Diet of Broilers (14-35 Days) Reared under Heat Stress (32 °C). *Brazilian Journal of Poultry Science*, 20(4), 825-832.

Saracila M., Panaite T. D., Soica C., Tabuc C., Olteanu M., Predescu C., Rotar C. M. & Criste R.D. (2019). The use of a powder hydroalcoholic extract of *Salix alba L.* bark in broiler diet exposed to high heat stress, *South African Journal of Animal Science*. 49 (5), 942 – 954.

Panaite, T. D., Vlaicu, P. A., Saracila, M., Cismileanu, A., Varzaru, I., Voicu, S. N., & Hermenean, A. (2022). Impact of Watermelon Rind and Sea Buckthorn Meal on Performance, Blood Parameters, and Gut Microbiota and Morphology in Laying Hens. *Agriculture*, 12(2), 177.

Vlaicu, P. A., Untea, A. E., Turcu, R. P., Panaite, T. D., & Saracila, M. (2022). Rosehip (*Rosa canina L.*) Meal as a Natural Antioxidant on Lipid and Protein Quality and Shelf-Life of Polyunsaturated Fatty Acids Enriched Eggs. *Antioxidants*, 11(10), 1948.

Vlassa, M., Filip, M., Țăranu, I., Marin, D., Untea, A. E., Ropotă, M., ... & Sărăcilă, M. (2022). The Yeast Fermentation Effect on Content of Bioactive, Nutritional and Anti-Nutritional Factors in Rapeseed Meal. *Foods*, 11(19), 2972.

Vlaicu, P. A., Untea, A. E., Turcu, R. P., Saracila, M., Panaite, T. D., & Cornescu, G. M. (2022). Nutritional Composition and Bioactive Compounds of Basil, Thyme and Sage Plant Additives and Their Functionality on Broiler Thigh Meat Quality. *Foods*, 11(8), 1105.

Untea Arabela Elena, Iulia Varzaru, Raluca Paula Turcu, Tatiana Dumitra Panaite, Mihaela Saracila. The use of dietary chromium associated with vitamins and minerals (synthetic and natural source) to improve some quality aspects of broiler thigh meat reared under heat stress condition, *Italian Journal of Animal Science*.

Panaite, T. D., Nour, V., Saracila, M., Turcu, R. P., Untea, A. E., & Vlaicu, P. A. (2021). Effects of Linseed Meal and Carotenoids from Different Sources on Egg Characteristics, Yolk Fatty Acid and Carotenoid Profile and Lipid Peroxidation. *Foods*, 10(6), 1246

Panaite T. D., Criste R. D., Saracila M., Tabuc C., Turcu R. P., Olteanu M. (2018). The use of ascorbic acid and *Artemisia annua* powder in diets for broilers reared under heat stress. *Romanian Biotechnological Letters*; 23, 5: 13976- 13985; DOI: 10.26327/RBL2018.159.

Panaite T.D., Criste R.D., Vlaicu P.A., Saracila M, Tabuc C., Turcu R.P, Olteanu M., Buleandă M. (2019). Influence of *Artemisia annua* on broiler performance and intestinal microflora, *Revista Brasileira de Ciência Avícola* 21(4), DOI: 10.1590/1806-9061-2019-1092.

Panaite T.D., Nour V, Vlaicu P.A., Ropota M, Corbu A.R & Saracila M. (2019). Flaxseed and dried tomato waste used together in laying hens diet, *Archives of Animal Nutrition*, 73:3, 222-238.

Panaite, T.D.; Saracila, M.; Papuc, C.P.; Predescu, C.N.; Soica, C. (2020). Influence of dietary supplementation of *Salix alba* bark on performance, oxidative stress parameters in liver and gut microflora of broilers. *Animals* , 10, 958, <https://doi.org/10.3390/ani10060958>.

Varzaru I, Untea A., Saracila M. (2020). Inhibitory effect of several berry leaves on lipid peroxidation of thigh meat from broiler chickens under *in vitro* conditions. *European Journal of Lipid Science and Technology*, 122(4):1900384, <https://doi.org/10.1002/ejlt.201900384>.

## **Articles published in other International databases**

Saracila, M., Panaite, T. D., & Untea, A. E. (2022). A Comprehensive Review On Algae And Propolis-Characterisation And The Implications Of Their Use In The Laying Hen Diet. *Scientific Papers: Series D, Animal Science-The International Session of Scientific Communications of the Faculty of Animal Science*, 65(1).

Saracila, M., Panaite, T. D., Untea, A. E., & Varzaru, I. (2022). Effect of dietary supplementation of some antioxidant combinations on nutrient digestibility in heat-stressed broilers. *Archiva Zootechnica*, 25(1), 116-129.

Saracila M., Untea AE, Panaite T. D., Evaluation of the effect of synbiotic in piglets' diet on the nutritional quality of pork, *Archiva Zootechnica* 24:2, 67-75, 2021

Saracila M., Panaite T.D., Dragotoiu D., 2021. Implication of dietary phytogetic mixture in modulating the intestinal microflora of broilers raised in thermoneutral and heat stress conditions. *Scientific Papers. Series D. Animal Science*, Volume LXIV, No. 1, 205 - 209.

Sărăcilă M., Panaite T. D., Untea A., Ropota M., Vlaicu P. A , Șoica C., Mitoi M., (2017). Evaluation of oxidation stability and antioxidant activity in eggs enriched in  $\omega - 3$  polyunsaturated fatty acids. *Archiva Zootechnica*, Vol. 20 (1):51-64, revista categoria B+, cotație CNCSIS.

Sărăcilă M., Panaite T.D., Untea A., Ropota M., Vlaicu P. A, Olteanu M., Șoica C., (2017). Monitoring lipid peroxidation in eggs enriched in omega 3 polyunsaturated fatty acids ( $\omega - 3$  PUFA). *Scientific Papers. Series D. Animal Science*. Vol. LX, pag. 109-117.

Saracila, M., Tabuc, C., Panaite, T., Papuc, C., Olteanu, M., & Criste, R. (2018). Effect of the Dietary Willow Bark Extract (*Salix Alba*) on the Caecal Microbial Population of Broilers (14-28 Days) Reared at 32°C, “Agriculture for Life, Life for Agriculture” Conference Proceedings, 1(1), 155-161. doi: <https://doi.org/10.2478/alife-2018-0023>

Saracila M., Panaite T. D., Vlaicu P. A., Tabuc C., Palade M. L., Gavris T. and Criste R. D., (2018). Dietary willow bark extract for broilers reared under heat stress, *Bulletin UASVM Animal Science and Biotechnologies* 75(2)/, pg. 92-98.

Saracila M., Panaite T., Tabuc C., Soica C., Untea A., Tugay A., Criste R.D. (2020). Dietary ascorbic acid and chromium supplementation for broilers reared under thermoneutral conditions vs. high heat stress, *Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie*, vol. 73, 41-47.

Arabela Elena Untea , Tatiana Dumitra Panaite, Alexandra Oancea, Raluca Paula Turcu, Saracila M. Camelina meal and chromium picolinate effects on broiler thigh meat nutritional properties, *Archiva Zootechnica* 24:2, 96-104, 2021.

Turcu R. P., Sărăcilă M., Vlaicu P. A., Vișinescu P. and Criste R. D., (2019). Obtaining eggs enriched in polyunsaturated fatty acids (PUFA) 2. Clinical studies, consumer perception and market of the PUFA-enriched eggs: A review. *Archiva Zootehnică*, Volume 22, No 2, ISSN-L: 1016-4855; ISSN online: 2344-4592.

Criste R. D., Panaite T. D., Tabuc C., Sărăcilă M., Șoica C., Olteanu M. (2017). Effect of oregano and rosehip supplements on broiler (14-35 days) performance, carcass and internal organs development and gut health. *AgroLife Scientific Journal*, Vol. 6 (1): 75-83.

Vlaicu P.A., Saracila M., Panaite T.D, Tabuc C, Bobe E., Criste R. D. (2017). Effect of the dietary grape seeds and rosehip oils given to broilers (14-42 days) reared at 32°C on broiler performance, relative weight of carcass cuts and internal organs and balance of gut microflora. *Archiva Zootechnica*, Vol. 20 (1):77-88, revista categoria B+, cotație CNCSIS.

Untea A., Lupu A., Saracila M., Panaite T. (2018). Comparison of ABTS, DPPH, Phosphomolybdenum Assays for Estimating Antioxidant Activity and Phenolic Compounds in Five Different Plant Extracts. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Animal Science and Biotechnologies, 75(2), 110-114.

Turcu R.P., Tabuc C., Vlaicu P.A., Panaite T. D., Saracilă M., Criste R. D. (2018). Effect of the dietary oregano (*Origanum vulgare L.*) powder and oil on the balance of the intestinal microflora of broilers reared under heat stress (32°C), Scientific Papers. Series D. Animal Science. Vol. LXI, Number 1, 2018, ISSN 2285-5750; ISSN CD-ROM 2285-5769; ISSN Online 2393-2260; ISSN-L 2285-5750.

Vlaicu, P. A., Panaite, T. D., Olteanu, M., Turcu, R. P., Saracila, M., & Criste, R. D. (2018). Effect of the dietary oregano (*Origanum vulgare L.*) powder and oil on the performance, carcass and organs development of broilers reared under heat stress (32° C). *Lucrări Științifice-Universitatea de Științe Agricole și Medicină Veterinară, Seria Zootehnie*, 69, 207-213

Vlaicu, Petru Alexandru; Panaite, Tatiana; Saracila, Mihaela; Iuga, Madalina, The Influence of Dietary Citrus Peel on Performances, Carcass Traits, Color, Texture and Primary Oxidation Products of Broiler Chicken Thigh Meat. *Scientific Papers: Animal Science & Biotechnologies / Lucrari Stiintifice: Zootehnie si Biotehnologii* . 2021, Vol. 54 Issue 1, p39-49. 11p.

Gavris, T., Untea A., & Saracila, M. (2019). Use of Phyto-Additives in Poultry Nutrition. *Scientific Papers: Animal Science & Biotechnologies/Lucrari Stiintifice: Zootehnie si Biotehnologii*, 52(1), 13-18.

Vlaicu PA., Panaite T., Untea A., Saracila M., Olteanu M. (2020). Nutritional characterization and the antioxidant properties of sweet orange and red grapefruit peels. *Lucrări științifice - Seria Zootehnie*, vol 73, 112-118.

## **SCIENTIFIC COMMUNICATIONS**

### **ORAL PRESENTATIONS:**

1. Monitoring lipid peroxidation in eggs enriched in omega 3 polyunsaturated fatty acids ( $\omega - 3$  PUFA) Autori: Sărăcilă M., Panaite T.D., Untea A., Ropota M., Vlaicu P. A, Olteanu M., Șoica C., in cadrul Conferinței Internaționale a Universității de Științe Agronomice și Medicină Veterinară din București "Agricultură pentru viață, viață pentru agricultură" 8 - 10 iunie 2017, București, România.
2. Effect of oregano and rosehip supplements on broiler (14-35 days) performance, carcass and internal organs development and gut health", Autori: Criste R.D., Panaite T. D., Tabuc C., Sărăcilă M., Șoica C., Olteanu M, in cadrul Conferinței Internaționale a Universității de Științe Agronomice și Medicină Veterinară din București "Agricultură pentru viață, viață pentru agricultură" 8 - 10 iunie 2017, București, România.
3. Dietary phytoadditives as natural solution to alleviate the negative effects of the high heat stress on broilers. Autorii: Saracila M, Panaite T, Tabuc C, Gavris T. la *15th international Symposium of Animal Biology and Nutrition*, Balotesti, Romania, 27 september 2019.
4. Use of the dietary sea buckthorn meal as phytoaditive in heat -stressed broiler. Autori: Saracila M., Panaite T. D., Untea A., Varzaru I., Dragotoiu D., and Criste R.D. la *International Conference "Agriculture for Life, Life for Agriculture (4-6 iunie 2020)*.
5. Sărăcilă M., Panaite T.D., Dragotoiu D., Dumitru M., Untea AE., Effect of dietary antioxidant sources on growth performance and intestinal microbiota in broiler chickens reared under normal temperature vs. constant heat stress 16th International Symposium of Animal Biology and Nutrition, 30 september-1 october 2021.
6. Saracila M., Panaite T.D., Dragotoiu D. Implication of dietary phytogetic mixture in modulating the intestinal microflora of broilers raised in thermoneutral and heat stress conditions", International Conference "Agriculture for Life, Life for Agriculture", 2021



## **POSTER PRESENTATIONS (selection):**

1. Saracila M., Criste R. D., Panaite T., Untea A, Vlaicu P.A., Bercaru A. Evolution of the antioxidant capacity of chicken thigh meat fed with organic Zn supplement. Food Quality and Safety, Health and Nutrition Nutricon 2017, 5-7 October 2017, Skopje, Macedonia.
2. Saracila M., Panaite T. D., Vlaicu P. A., Criste R. D. Influence of the dietary grape seed oil given to broilers (14-42 days) on meat quality. 2nd World Conference on Innovative Animal Nutrition and Feeding (WIANF) on 18-20 October, 2017 in Budapest, Hungary.
3. Saracila M., Panaite T. D., Vlaicu P. A., Tabuc C, Bobe E. and Criste R. D. Effect of dietary rosehip oil given to broilers (14-35 days) reared at 32 °C on the caecal microbial population of broilers. Simpozionul International de Biologie si Nutritie Animala – editia a XIV a, Balotesti, Ilfov, 28-29 septembrie, 2017.
4. Saracila M., Panaite T.D., Cornescu M., Olteanu M., Bercaru A. Role of the dietary grape seeds meal given to fattening pigs on the oxidative status of meat. 69th Annual Meeting of the European Federation of Animal Science, Dubrovnik, Croatia, 27th to 31st August 2018.
7. Saracila M., Olteanu M., Panaite T. D., Criste R. D., Mitoi M. Effect of the grape seeds oil, as natural antioxidant, in high polyunsaturated fatty acids diets, in maintaining egg freshness. 2nd International Conference on Food Bioactives & Health, 26-28 september, Lisbon, Portugal.
8. Saracila M., Criste R. D., Panaite T. D., Ropota M. Dietary vitamin e can delay the lipid oxidation of pork shoulder, XII Congress of the Spanish Society for Community Nutrition (SENC), “NUTRIMAD 2018, 24-27 October 2018, Madrid (Spain)
9. Saracila M., Criste R. D., Panaite T. D., Tabuc C., Bercaru A., Soica C., Dragotoiu D., Implication of dietary willow bark extract (*Salix alba*) on performance and caecal microflora of broilers (14-42 days) reared at 32 °C, 6th Conference on Poultry Intestinal Health, Rome, Italy (3-5 aprilie 2019);, *Book of Abstract*, pp. 233.
10. Saracila M., Olteanu M., Panaite T. D. Implications of using some phytoadditives in broiler nutrition - a review, Scientific Papers. Series D. Animal Science, International Conference "Agriculture for Life, Life for Agriculture (4-6<sup>th</sup> June, 2020).

## **AWARDS**

**AWARDS FOR THE BEST SCIENTIFIC COMMUNICATION FOR YOUNG RESEARCHERS (POSTER)**  
**granted by** WPSA, 7<sup>th</sup> Mediteranean Poultry Summit of the, 8-10 June 2022, Cordoba, Spain - *Comparative study on using a dietary vegetable by-product (sea buckthorn meal) in broiler reared under thermoneutral conditions vs. high heat stress on the balance of intestinal microflora*; Autori: Mihaela Saracila, Tatiana Panaite, Cristina Soica, Cristina Tabuc, Dumitru Dragotoiu, Rodica Criste

**SCHOLARSHIP granted BY EUROPEAN FEDERATION OF ANIMAL SCIENCE (EAAP) at 73rd Annual Meeting of the European Association for Animal Science, Porto, Portugal, 5-9 September 2022-** *Comparative study on using dietary bilberry leaves in broiler reared under thermoneutral conditions vs. heat stress*; Autori: M. SARACILA, T.D. PANAITTE, I. VARZARU, A. E. UNTEA.

Gold medal, International Exhibition of Inventions and Innovations, Traian Vuia, October 14, 2021, for the patent application: Feed recipe for the growth phase of broilers raised in high thermal stress at the International Exhibition of Scientific Research, Innovation and Inventions Patent application : A2017/00997 of 28.11.2017; Authors: Criste R.D., Panaite T.D., Tabuc C, Vlaicu P.A., Saracila M., Olteanu M., Turcu P.R., Papuc-Puica C.

Diploma of Honour and Inventica Medal for the patent application “Compound feed for the grower phase of broilers raised in high heat stress” (OSIM registration no. : A2017 / 00997 of 28.11.2017) granted at the XXIVth International Exhibition of inventics, Iasi, July 29-31, 2020. Authors: RD Criste, T.D. Panaite, C. Tabuc, P.A. Vlaicu, M. Saracila, M. Olteanu, R.P. Turcu C.P. Papuc.

Diploma and Silver Medal for the patent application “Compound feed for the grower phase of broilers raised in high heat stress” (OSIM registration number: A2017 / 00997 of 28.11.2017) awarded at the International Exhibition of

Inventions and Innovations “Traian Vuia” 3rd edition, Timișoara, June 15, 2019. Authors: RD Criste, T.D. Panaite, C. Tabuc, P.A. Vlaicu., M. Saracila, M. Olteanu, R.P. Turcu, C.P. Papuc.

Diploma of Excellence for the patent application “Compound feed for the grower phase of broilers raised in high heat stress” (OSIM registration number: A2017 / 00997 of 28.11.2017) awarded at the International Salon of Scientific Research, Innovation and Inventors “Pro Invent” 17th edition, March 20-22, 2019, Cluj Napoca. Authors: R.D. Criste, T.D. Panaite, C. Tabuc, P.A. Vlaicu., M. Saracila, M. Olteanu, R.P. Turcu, C.P. Papuc.

Diploma and Silver Medal for the patent application “Chicken eggs with high content of omega-3 polyunsaturated fatty acids and carotenoids and method of obtaining them” (OSIM registration number: A00525 / 11.06.2018); granted at EURO INVENT 11th edition of May 18, 2019, Iasi, Romania, Authors: Nour V., Panaite T.D., Criste R.D., Olteanu M., Ropota M., Vlaicu P.Al., Corbu Al. R., Saracila M.

Mention for the paper: Use of Phyto-Additives in Poultry Nutrition. Scientific Papers: Animal Science & Biotechnologies / Scientific Papers: Animal Husbandry and Biotechnology, 52 (1). presented at the International Conference on life science, section: Bioengineering of animal resources, 2019, USAMV Timisoara, Authors: Gavris, T., Arabela, U., & Saracila, M. (2019).

Dr. Ing. Mihaela SARACILA