

PERSONAL INFORMATION

Alexandru VLAICU

 Bucharest (Romania)

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WORK EXPERIENCE

05/2018–Present

Scientific Researcher

National Research Development Institute for Animal Biology and Nutrition (IBNA), Bucharest (Romania)

Developing specific research activities. Dissemination of the research results and collective elaboration of the finalization reports. Interpretation and statistical analysis of the results obtained in different experiments carried out within the projects. Participating in various professional training programs, national and international conferences.

11/2016–05/2018

Research Assistant

National Research Development Institute for Animal Biology and Nutrition (IBNA), Bucharest (Romania)

Improving scientific knowledge and skills in the department's research topics. Fulfilling specific tasks within the Research Activity related to one or more of the following subjects: nutrition, functional food, animal welfare. Participation in scientific meetings and conferences. Support activities in elaboration of technical documents for accepting the deliverables of the project.

11/2016–Present

Project assistant manager

National Research Development Institute for Animal Biology and Nutrition (IBNA), Bucharest (Romania)

I am a part of the management team, of a Project co-financed from the European Fund for Regional Development, through the Operational Program Competitiveness 2014-2020 - P_40_441 - GALIM PLUS - "Development of innovative feeding solutions for gallinaceans, with the purpose of producing affordable foods with improved nutritional qualities", funding contract 144/13.10.2016. I am responsible for centralizing all the documents, monitoring members' activities, taking part in working meetings, keeping in touch with various intermediate organizations. Collective organization of some thematic round table events and stands for promotion at different events.

05/2016–11/2016

Junior Research Assistant

National Research Development Institute for Animal Biology and Nutrition (IBNA), Bucharest (Romania)

-member in different national and international projects: ADER 6.1.2.; NUCLEU PN 16 41 0401; NUCLEU PN 16 41 0204; NUCLEU PN 16 41 0302; TE 301; - Member of research teams for submission of 3 projects PN III type - Competitiveness by research, development and innovation - Transfer of knowledge to the operator "Bridge Grant"; - Member of research project team to stimulate the establishment of young independent researchers - TE type; project code: PN II-RU-TE-2014-4-0997; Contract No.: TE 301 din 01/10/2015

10/2015–01/2016

Internship HR

HR Specialist (Romania)

09/2014–12/2014

Internship - Content Editor

Golf Media (Romania)

Documentation and information searching; Following the implementation data; Data Entry - online platform; High level of internet searching; The ability of speaking and writing.

EDUCATION AND TRAINING

- 2015–2018 **PhD in Animal Husbandry** EQF level 5
 University of Agronomic Science and Veterinary Medicine Bucharest, Bucharest (Romania)
 Thesis topic: - "Research on obtaining functional foods of animal origin through the use of feed materials with a favourable impact on the environment"
- 04/03/2018–17/03/2018 **Short Term Scientific Mission (STSM)**
 Universitat Autònoma de Barcelona
 During a two weeks period I was able to undertake research activities and training in the areas of swine digestive physiology and gut health using some laboratory facilities. My work was supervised by Dr. Jose Francisco Perez.
- 11/12/2016–16/12/2016 **Training Programme of Rational Livestock Nutrition in rural Areas**
 Confederazione italiana Agricoltori dell'Umbria, Perugia (Italy)
 Participated in the Short -Term Joint Staff Training Programme of Rational Livestock Nutrition in Rural Areas (LIVENUTRITION) project n. 2014-1-PL01-KA202-003496 under ERASMUS+ Programme, Key Action 2- Strategic Partnership for Vocational Education and Training.
- 2013–2015 **Bachelor's Degree**
 University of Agronomic Science and Veterinary Medicine Bucharest - Food Engineering - Biosecurity of Alimentary Products, Bucharest (Romania)
 Master's Degree: "*Legislation and conditions of admissibility for honey bees*".
- 03/2013–03/2013 **Quality Certificate Representative**
 TUV Austria Romania, Bucharest (Romania)
 obtaining of certificate – Quality Representative (Nr. inr. TAR-AK/498/07/2013), standards of ISO 19011:2011
- 2009–2013 **Bachelor of Engineering (B.E.)**
 University of Agronomic Science and Veterinary Medicine Bucharest - Food Engineering - Processing Technology of Agricultural Products, Bucharest (Romania)
 Skills in the curriculum: - Education and scientific research in the field; Food quality control; Drafting establishment of food industry companies; Development and implementation of industry-specific supply technologies; Bachelor's degree: "*The quality of honey bees, in accordance with the standards required by European Legislation*"
- 2009–2012 **Certificate for graduation - The Department for preparing the didactic personnel**
 Bucharest (Romania)

PERSONAL SKILLS

First language Romanian

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	C1	B1	B1	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages](http://www.cedefop.europa.eu/europa/en/quality-referenc)

Communication skills

I learned skills such as perseverance, the power to quickly learning new things and to easily adapt to new situations, sociability, team spirit and ability to work under stress, ease, clarity and consistency in expression.

Organisational / managerial skills

Capacity for analysis and synthesis, evaluation and improvement spirit, skills of planning, organizing and prioritizing activities in order to respect the deadlines.

Management experience: Assistant project manager, the project GALIM PLUS - "Developing innovative solutions for grouse feeding, to obtain affordable food with nutritional qualities improve," P_40_441 ID project, grant agreement no. 144 / 10.13.2016

Job-related skills

Ability to work both independently and in teams at national and international level, in multicultural environments, respecting the principles of integrity and ethics.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Proficient user	Independent user

Digital competences - Self-assessment grid

Competent use of IT resources (databases, Internet, Power Point, Word, Excel, Windows, Outlook, Endnote, Yahoo and Internet browsing) and specialized programs for graphics and computing (Microsoft Office, Outlook), skills acquired both professional environments, and through self-directed activities.

- Statistical analysis - Stat View.

Articles and papers published

Vlaicu, P. A., Panaite, T. D., Voicu, I., Turcu, R. P., Olteanu, M., & Ropota, M. (2018). Determining the feeding value of some food industry by-products. *Scientific Papers: Animal Science and Biotechnologies*, 51(1), 62-69.

Nour, V., Panaite, T. D., **Vlaicu, P. A.,** & Corbu, A. R. (2018). Responses of laying hens to the simultaneous dietary supplementation with flaxseed and dried tomato by-products. *Journal of Biotechnology*, 280, S57.

Panaite, T. D., Criste, R., Nour, V., Saracila, M., **Vlaicu, P. A.,** Ropota, M., & Corbu, A. R. (2018). Effect of carotenoids on egg yolk fat lipid peroxidation. *Journal of Biotechnology*, 280, S54.

Turcu, R. P., Tabuc, C., **Vlaicu, P. A.,** Panaite, T. D., Buleandra, M., & Saracila, M. (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-The International Session of Scientific Communications of the Faculty of Animal Science*, 61.

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., PANAITTE, T. D., **VLAICU, P. A.,** TABUC, C., PALADE, M. L., GAVRIS, T., & CRISTE, R. D. (2018). Dietary Willow Bark Extract for Broilers Reared Under Heat Stress. *Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Animal Science & Biotechnologies*, 75(2).

Petru Alexandru Vlaicu, Tatiana Dumitra Panaite, Margareta Olteanu, Mariana Ropota, Virgil Criste, Gabriela Vasile, Iulian Grosu (2017) - **Production parameters, carcass development and blood parameters of the broiler chicks fed diets which include rapeseed, flax, grape and buckthorn meals** -*Scientific Papers: Animal Science and Biotechnologies*, 2017, 50 (1) ISSN 1841 – 9364, 37-45

VLAICU P.A., PANAITTE T.D., DRAGOTOIU D., ROPOTA M., BOBE E., OLTEANU M., CRISTE R.D. 2017, **Feeding quality of the meat from broilers fed with dietary food industry by-products (flaxseed, rapeseeds and buckthorn meal, grape pomace),** *Scientific Papers. Series D. Animal Science*, Vol. LX, ISSN 2285-5750, 123-130.

Petru Alexandru Vlaicu, Mihaela Saracila, Tatiana Dumitra Panaite, Cristina Tabuc, Eugen Bobe and Rodica Diana Criste (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* 20:1, 77-88. ISSN 1016-4855

Petru Alexandru Vlaicu, Tatiana Dumitra Panaite, Raluca Paula Turcu, Mihaela Saracila, Margareta Olteanu, Rodica Diana Criste (2017). **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)** University of Agricultural Sciences and Veterinary Medicine Iasi, Scientific Papers-Series Zootehnie.

SĂRĂCILĂ M., PANAITTE 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, ISSN 2285-5750, 109-117.

Mihaela Sărăcilă , Tatiana Dumitra Panaite, Arabela Untea, Mariana Ropotă, **P. A. Vlaicu**, Cristina Șoica, Monica Mitoi.2017, **Evaluation of oxidation stability and antioxidant activity in eggs enriched in $\omega - 3$ polyunsaturated fatty acids**, Archiva Zootehnica 20:1, 51-64.

Margareta Olteanu, Rodica Diana Criste, Tatiana Dumitra Panaite, Mariana Ropotă, Monica Mitoi, **P. A. Vlaicu** and Cristina Șoica. 2017, **Quality of the eggs obtained from hens fed diet formulations rich in polyunsaturated fatty acids and with grape seeds meal as antioxidant**, Archiva Zootehnica 20:1, 37-49.

OLTEANU, M., CRISTE, R. D., PANAITTE, D. T., ROPOTA, M., **VLAICU, P. A.**, & TURCU, R. P. (2017). **Bioproductive parameters and fatty acids profile of the meat from broilers treated with flax meal and grape seeds meal**. *Scientific Papers Animal Science and Biotechnologies*, 50(1), 15-21.

PANAITTE, T. D., CRISTE, R. D., OLTEANU, M., **VLAICU, A.**, & SOICA, C. (2017). **Coefficients of apparent absorption of the dietary nutrients from broiler feeds that include oil industry by-products (rapeseeds, grapes, buckthorn, flax and pumpkin meals)**. *Scientific Papers Animal Science and Biotechnologies*, 50(1), 22-28.

Tatiana Dumitra Panaite, Rodica Diana Criste, Mariana Ropota, V. Criste, Gabriela Vasile, Margareta Olteanu, Monica Mitoi, Raluca Socoliuc, **Al. Vlaicu**; 2016. Determination of the feeding value of food industry by-products. University of Agricultural Sciences and Veterinary Medicine Iasi. vol 66 (21):106-111.

Tatiana Dumitra Panaite, Rodica Diana Criste, Mariana Ropota, Virgil Ionel Criste, Monica Mitoi, Margareta Olteanu, **Alexandru Petru Vlaicu**. (2017). Feeding quality of the meat from broilers treated with unconventional feed industry by-products. University of Agricultural Sciences and Veterinary Medicine Iasi, vol. 67 (22):136-145

Panaite Tatiana, Criste Rodica, Olteanu Margareta, **Vlaicu Alexandru**, Soica Cristina, (2017). Coefficients of apparent absorption of the dietary nutrients from broiler feeds that include oil industry by-products (rapeseeds, grapes, buckthorn, flax and pumpkin meals). *Scientific Papers: Animal Science and Biotechnologies*, vol.50 (1):22-28

Margareta Olteanu, Rodica Diana Criste, Tatiana Dumitra Panaite, Mariana Ropotă, **Petru Alexandru Vlaicu**, Raluca Paula Turcu. (2017). Bioproductive parameters and fatty acids profile of the meat from broilers treated with flax meal and grape seeds meal; *Scientific Papers: Animal Science and Biotechnologies*, Vol. 50 (1): 15 – 21.

Short communications

P.A. Vlaicu, T.D. Panaite, C. Soica, R.P. Turcu, M. Saracila and R.D. Criste. (2017). Effect of the Salix Alba Cortex on the productive performances of broilers (14-28 d) reared under heat stress (32°C). Book of Abstracts. 14th International Symposium of Animal Biology and Nutrition Bucharest, September 28-29, 2017

Petru Alexandru Vlaicu, Tatiana Dumitra Panaite, Raluca Paula Turcu, Mihaela Saracila, Margareta Olteanu, Rodica Diana Criste (2017). 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), University of Agricultural Sciences and Veterinary Medicine Iasi, *Lucrări Științifice-Seria Zootehnie*.

Vlaicu, P. A., Dragotoiu, D., Panaite, T. D., Untea, A., Saracila, M., & Mitoiu, M. (2017). **Effect of rosehip addition to pufa $\Omega 3$ -high layer diets on hen performance and egg quality**. In *Proceedings of the 21st European Symposium on Poultry Nutrition* <http://www.wageningenacademic.com/doi/abs/10.3920/978-90-8686-851-3> ISBN: 978-90-8686-306-8

Arabela Elena Untea, Tatiana Dumitra Panaite, **Alexandru Vlaicu**; 2016; Effects of dietary synbiotics and organic acids on trace minerals digestibility in broilers; 55th International Symposium of Modern Zootechnics Food Safety and Sustainable Development, October 20-22, Iasi, Romania

Participation in conferences

20-22 October 2016 - International Symposium "Life Science – a challenge for the future" – Iasi, Romania.

9 - 11 June 2016 - International Conference "Agriculture for Life – Life for Agriculture" – Bucharest, Romania.

07 April 2017 – Hotel Intercontinental – USSEC Seminar – "Advances in poultry nutrition and disease control" – Building a preference for U.S. SOY- a seminar for nutritionists, veterinarians, researchers and poultry professionals, Bucharest.

8-11 May 2017 - 21st European Symposium on Poultry Nutrition, Salou/Vila-Seca, Spain.

25-26 May 2017 - International scientific symposium bioengineering of animal resources, Timisoara, Romania.

08-10 June 2017 - International Conference "Agriculture for Life, Life for Agriculture", organized by the University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania.

03-06 September 2017 - XVII European Symposium on the Quality of Eggs and Egg Products and XXIII European Symposium on the Quality of Poultry Meat 'EggMeat 2017 – Edinburgh, Scotland.

28 - 29 September 2017 - 14th International Symposium of Animal Biology and Nutrition Bucharest, Romania.

18-20 October 2017 – International Symposium "Life Science – A challenge for the future" – Iasi, Romania.

27-28 May 2018 - International scientific symposium bioengineering of animal resources, Timisoara, Romania.

07-09 June 2018 - International Conference - Agriculture for Life, Life for Agriculture, Bucharest;

17-21 September 2018 - XVth EUROPEAN POULTRY CONFERENCE – Dubrovnik, Croatia.

16-18 October 2018 – International Symposium "Life Science – A challenge for the future" – Iasi, Romania.