

PERSONAL INFORMATION **Alexandru VLAICU**

 Bucharest (Romania)

 alexandru.vlaicu@outlook.com

WORK EXPERIENCE**10/2020–Present** **Scientific Researcher IIIrd**

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.

05/2018–10/2020 **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)

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.

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)**

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: 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)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	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

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

P.A. Vlaicu, T.D. Panaite, R.P. Turcu & M. Olteanu (2020). Effect of feeding flax meal on milk fatty acids profiles and performance of Holstein dairy cows. *Indian Journal of Animal Sciences* 90 (5): 744–748

P.A. Vlaicu, T.D. Panaite, R.P. Turcu & C. Tabuc (2020). Dietary *Origanum vulgare* supplements for broilers. *Rom Biotechnol Lett.* 2020; 25(5): 1922-1929. DOI: 10.25083/rbl/25.5/1922.1929

P.A. Vlaicu, R.P. Turcu & T.D. Panaite (2020). Rosehip (*Rosa canina*) as a beneficial dietary feed in poultry nutrition: Review. *Advanced Research in Life Sciences – ARLS*. ISSN: 2543-8050, pp. 11-15

Vlaicu, P. A., Panaite, T. D., & Varzaru, I. (2020). Effect of vegetable by-products on egg protein quality and coefficients of apparent absorption from laying hen diets. *Scientific Papers Animal Science and Biotechnologies*, 53(1), 12-19.

Vlaicu, P. A., Panaite, T. D., Untea, A. E., Saracila, M., & Margareta, O. (2020). Nutritional characterization and the antioxidant properties of sweet orange and red grapefruit peels. *Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie*, 73, 112-118.

P.A. Vlaicu, Tatiana Dumitru Panaite, Raluca Paula Turcu, I. Voicu, Mariana Ropota, Margareta Olteanu, I. Stănel. (2019) Milk fatty acid composition as a response to dietary n-3 fatty acids in holstein dairy cows. *Scientific Papers-Animal Science Series: Lucrări Științifice - Seria Zootehnie*, vol. 71 pp. 79-84.

Vlaicu, P. A., Panaite, T. D., Comescu, M. G., Ropota, M., Olteanu, M., Dragotioiu, D. (2019). The influence of by-products on the production parameters and nutrient digestibility in fattening pigs diet (60-100 kg). *AgroLife Scientific Journal*, 8(1), 261-269.

Vlaicu, P. A., Panaite, T. D., Tabuc, C., Soica, C., & Stanel, I. (2019). Effect of a blend of commercial oils on growth performance and intestinal microflora population in broiler chickens. *Scientific Papers: Series D, Animal Science*, 62(1).

P.A. Vlaicu, T.D. Panaite, R.P. Turcu, M. Saracila, M. Olteanu, R.D. Criste (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), University of Agricultural Sciences and Veterinary Medicine Iasi, *Lucrări Științifice-Seria Zootehnie*, ISSN 2067-2330, Vol. 69 (23), pg. 207-213.

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.

P.A. Vlaicu, T.D. Panaite, M. Olteanu, M. Ropota, V. Criste, G. Vasile, I. 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*, 50 (1):37-45 ISSN online 2344-4576.

P.A. Vlaicu, M. Saracila, T.D. Panaite, C. Tabuc, E. Bobe & R. D. 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.

Vlaicu P.A., Panaite 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, pg. 123-130. ISSN 2285-5750.

Short communications

Vlaicu, P., Ropota, M., Panaite, T., & Turcu, R. (2019). The effect of some vegetable by-products used in laying hens diets on egg yolk cholesterol. *Journal of Biotechnology*, 305, S45.

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 Ω3-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

Participation in conferences

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.

17-21 September 2018 - XVth European Poultry Conference – Dubrovnik, Croatia.