

# CURRICULUM VITAE

**Mihaela HĂBEANU**



## PERSONAL & CONTACT DATA

Date place of birth: October 27, 1967 Iedera, Romania

Nationality: Romanian

phone: 0040-728380172

e-mail: [mihaela.habeanu@ibna.ro](mailto:mihaela.habeanu@ibna.ro) ; [mhabeanu@gmail.com](mailto:mhabeanu@gmail.com)

## STUDIES:

### ➤ USAMV Bucharest:

1. 1990-1995. **Animal Science Engineer**. Faculty of Animal Science, University of Agronomical Sciences and Veterinary Medicine - Bucharest, Romania, bachelor's degree no. 581/15.03.1996
2. 1996-1997. **Master /Magister** „Nutrition and feeding animals”, University of Agronomical Sciences and Veterinary Medicine - Bucharest, Romania Diploma Master/Magister no. 46/01.03.2000
3. 2000-2005. **Doctor Animal Science**, University of Agronomical Sciences and Veterinary Medicine - Bucharest, Romania /Ord MEC no. 5657/12.12.2005

### ➤ 2007-2009: INRA / France 63122 Saint Genes Champanelle/ Theix:

**Scholarship postdoctoral student** - Lipids metabolism. Attestation /27.02.2007 - Certificat du travail no. 62/2009

### ➤ 2010-2011: INCE Romania

- **Scholarship postdoctoral student:** Postdoctoral School for livestock biodiversity and food biotechnology and bio-economy based necessary to ecosanogenesis. Diploma A. nr. 013 /2013

## MAIN SPECIALISATIONS:

- **1996-1997.** Master – Animal Nutrition
- **2007-2009:** Post-Doctoral Specialisation - I.N.R.A./ France (URH Clermont Ferrand - Theix) on lipid metabolism (coordinator Dr. Dominique Bauchart).
- **2010-2011:** Post-Doctoral Specialisation - INCE /Romania – Postdoctoral School for livestock biodiversity and food biotechnology and bio-economy based necessary to ecosanogenesis.
- **2006 –** Lipid metabolism- Ville de Santarem / Portugal
- **2011:** Joint research stage at I.N.R.A., France on lipid metabolism

## PROFESSION:

- **2022-present**, Senior researcher 1. Research Station for Sericulture Baneasa, 013685 Bucharest, Romania.
- **1995 - 2021: Senior researcher 1.** National Institute for Research & Development in Animal Biology and Nutrition – Balotesti, Romania
- **2013-2015.** Expert tehnic ecological agriculture. RENAR
- **2007-2009.** Biological studies Engineer, INRA 63122 Saint Genes Champanelle/ Theix France
- **2006-2007.** Senior Advisor, III ANARZ, Department Milk quota

## Professional Evolution:

- 1995 –1996: debutant
- 27.11.1996 - 28.12.1998: research assistant
- 28.12.1998 - 22.12.2003: scientific researcher
- 22.12.2003 - 26.07.2010: senior researcher 3rd degree
- 26.07.2010 – 01.01.2016: senior researcher 2nd degree

- 01.01.2016 2022: senior researcher 1st degree/ Ord MED.C nr.6006/18.12.15; Decision no.122/ 23.12.15
- 2010-2022 Head of Animal Nutrition and Biotechnology Laboratory
- 2022-present Senior Researcher 1 SCS Băneasa

#### **EXPERIENCE IN MANAGEMENT ACTIVITIES:**

- 2006 – 2020: project manager and collaborator (>30 projects).
- 2010 - 2022: Head of Animal Nutrition Laboratory;
- 2014 - 2022: Coordinator of Biotechnology Laboratory activities

#### **SCIENTIFIC EXPERIENCE:**

- Animal nutrition
- greenhouse gases (GHG) emission, lipid metabolism
- animal health
- Meat quality
- Digestibility
- Animal model
- Project-oriented work (34 projects):
  - 9 projects as coordinator/director, major participation in 25 project, experience in international projects (team member of Cliefarms - Climate Neutral Farms and Life Green Sheep) which running now, Erasmus programme, FP7 projects, bilateral with Vietnam etc.).
- Research activity concluded in > 80 articles, from which 24 ISI, >55 DBI.
- 3 patents and 4 patent applications
- 6 books (2 as main author, 2 chapters in international books)
- guides
- oral and poster communications

#### **REVIEWER ACTIVITY:**

- Reviewer for many publications: FOODS, GENE, SAJAS, IJAAR, Food Biochemistry, Archiva Zootechnica, Meat Science.

#### **OTHER PROFESSIONAL ACTIVITIES:**

- Member of the Scientific Council of The Institute (IBNA Balotesti and now at SCS Baneasa-Bucharest);
- Member of The Board of Directors of The Institute;
- Supervising PhD students & young researchers' scientific activity;
- Technological transfer.

#### **FOREIGN LANGUAGES**

- English
- French

#### **PROJECTS:**

##### **A. International Project:**

1. H2020, ClieNFarms, Climate Neutral Farms coordinator de INRAe, France. (2021-2025) Team member.
2. GREENSHEEP. Demonstration and dissemination actions to reduce the carbon footprint in sheep farming.2020-2025. Team member
3. LIPIVIMUS 2006-2009 - "Impact of lipids on nutritional and sensorial qualities of bovine and porcine meats: effects of husbandry factors and technological processes" (2007-2009 French Project- Ingénieur d'Etudes en Biologie – (Responsible of fatty acids analyses).
4. COST ACTION 16106 Ammonia and Greenhouse Gases Emissions from Animal Production Buildings. 2016-2020 (as team member)
5. ERASMUS project, 2014-2016. "LIVENUTRITION-Rational Livestock Nutrition in Rural Areas" (as team member).
6. FP7 project „SOLID”, 2011-2016: “Sustainable Organic and Low-input Dairying” (as team member).
7. FP7 project „FEED-TO-FOOD”, 2008-2012: Reinforcement of FEED-TO-FOOD Research Centre at Institute for Food Technology of the University of Novi Sad (as team member).
8. Bilateral Project Vietnam (2004-2006). Valorization of novel bioethanol plants' by products for the production of high quality animal feeding. (as team member- responsible biological testing)
9. Bilateral Slovakia (2013-2015) (as team member).

## B. National Project:

1. ADER 24.1.3. "Research on the development of novel systems and technologies for the sustainable management of genetic resources in the sericulture field and the identification of novel ways to valuing the primary and secondary products with economic and social impact". (Project director).
2. ADER 24.1.2. Research on the productive evaluation of the Romanian gene pool of silkworms and the superior utilization of the sericulture fodder base.
3. ADER 9.1.4. Research on the efficient efficiency of an animal producer for bovine animals, sheep, goats, pigs and birds, by reducing the total annual emissions of greenhouse gases, expressed in tonnes of CO<sub>2</sub> equivalent- 3.000.000 lei, 638.298 euro (**project director**).
4. IBNA-VALORIF, 2017-2020. "IBNA: Institutional development towards scientific performance and impact in zootechnical practice"-2.000.000 lei 425.532 euro (**project director**).
5. Complex project 8 PCCDI /2018-PC 2: Obtaining of the products for livestock sector based on unconventional resources generated by modern technologies in the food industry and biotechnologies – 916.000 lei, 194.894 euro (**project director**).
6. ADER 6.1.1, 2015- 2018. "Innovative nutritional technologies based on using of the recently ameliorated plants, with implications for the safety and quality of the products"- 962.850 lei, 213.967 euro (**project director**).
7. ADER 721. 2011-2014. "Scientific and technical support addressed to ensure high standards of animal welfare, based on Article 40 of Regulation (EC) no. 1698/2005"-964.000 lei, 214.222 euro (**project director**).
8. PN 09 – 38 04.01 project, 2009-2011. "Improving the nutritional quality of pig meat using ecologic feedstuffs with beneficial effects on the human health". 1.422.209 lei, 309.176 euro (**project director**).
9. PN 16 – 41 01.01 project, 2016-2017. Investigations on the efficient use in breeding sows of the un-conventional vegetal resources and their interrelation with the product's performance", 495.000, 107.609 euro (**project director**).
10. PN/ 18-20 0103/nr. 28 N/2018. Research on the effects of some by-products and protein resources on growth performance, product quality and health status in monogastrics (pigs, poultry) 720.000 lei, 156.522 euro (**project director**).
11. GALIM PLUS. Developing of the innovative feed solutions for gallinacea for obtaining accessible feed, with nutritional qualities improved. **Expert Implementation**. 2016-2018.
12. POSCCE - Sectoral operational program to increase economic competitiveness. "Plan for promoting the products and services of INCDBNA Balotesti". **Technical supervisor**.
13. VIASAN 113 project, 2006–2008. "INFOBAP- Photodynamic Inactivation of Gram positive and Gram-negative bacteria infecting open wounds using coherent light radiation" 184.239 lei, 40.052 euro (**as project director 2006-2007**).
14. CEEEX 8 project 2005-2008. "Qualitative interactions due to the transformation of the dietary lipids throughout the feed chain feed- animal- human consumer, to determine impact indicators on human health" (**as scientific responsible**).
15. ADER 8.1.9. (**as team member**)
16. PN2- CARSUIN project. 2007-2009. "National Identification and use of nutritional factors to optimize feeding pigs for meat production" (**as team member in 2009**).
17. AGRAL 155 – Proiect Prioritar,„Nutriția animalelor de fermă –NAF”. 2003 – 2005. (**as team member**)
18. COF-SOLID,– Co-Financing Project for FP7 SOLID (as team member). 2011-2016. (**as team member**)
19. Agral 67 – „Optimizarea structurii rațiilor și producerea unor nutrețuri combinate specifice unor rase și hibrizi de taurine, suine și păsări, destinate producției de carne, prin reevaluarea valorilor nutritive ale nutrețurilor și a cerințelor nutriționale ale animalelor” . 2003-2005. (**as team member**)
20. AGRAL 280 „Cercetări privind obținerea și asigurarea calității unui produs enzimatic de uz zootehnic în vederea îndepărtării factorilor antinutriționali”.2004-2006. (**as team member**)
21. RELANSIN 1895 „Creșterea capacității de conservare a cărnii de porc utilizând suplimente de vitamina E”. Cercetător specialist. Colaborator. 2004-2006.
22. RELANSIN. “Minimizarea efectului factorilor antinutrițional și control genetic al sistemului imun la porci”. 2000-2001. (**as team member**)
23. RELANSIN „Îmbunătățirea calității silozurilor din plante furajere prin utilizarea conservanților biologici indigeni. 2001-2002. (**as team member**).

## PATENTS

1. Hăbeanu M, Hebean V, Lefter NA. 2016. Nutreț combinat pentru hrana porcilor. Brevet de Invenție nr. 126991/30.03.2016. (A 2011 00550). BV-2016-126991.pdf (ibna.ro)
2. Hăbeanu M, Lefter NA, Taranu I. Supliment nutrițional pentru hrana porcilor. Brevet de Invenție nr. 127936/30.03.2016. (A 2012 00207). BV-2016-127936.pdf (ibna.ro)

- Ciurescu G, Hăbeanu M, Ropotă M, Gheorghe A, Dragomir C. 2016. Concentrat proteino-vitamino-mineral pentru pui de carne. A00294/26.04.2016. Rezumat publicat în RO-BOPI nr. 10/2017 din 30.10.2017, p. 12. C:\wpdocs\bopi\bopi1017\bopi1017 (osim.ro), BI

#### PATENTS APPLICATIONS:

- Habeanu M, Gheorghe A, Tabuc C, Sorescu I, Lefter NA, Dumitru M. 2020. Tehnologie nutrițională bazată pe un macro-mix cu proprietăți funcționale pentru porci. A/00193/08.04.2020. Rezumat publicat în RO-BOPI nr. 10/2020 din 30.10.2020, p. 16. [C:\wpdocs\bopi\bopi1020\bopi1020\\_ok \(osim.ro\) D](C:\wpdocs\bopi\bopi1020\bopi1020_ok (osim.ro) D)
- Dumitru M, Vodnar D, Habeanu M, Chelaru NR, Simon E, Sorescu I, Ciurescu G, Tabuc C, Gheorghe A. Procedeu de izolare, caracterizare si obtinere a unor produse bacteriene de *Lactobacillus salivarius*. A/00039/30.01.2020.
- Dumitru M, Habeanu M, Lefter NA, Sorescu I, Tabuc C, Gheorghe A, Idriceanu L. 2019. Nutreț combinat îmbunătățit prin adaos de aditiv zootehnic bacterian pentru porci în criza de înțărare. A/00245/19.04.2019. Rezumat publicat în RO-BOPI nr. 01/2020 din 30.01.2020, p. 13-14. [C:\wpdocs\bopi\bopi120\bopi120 \(osim.ro\)](C:\wpdocs\bopi\bopi120\bopi120 (osim.ro))
- Gheorghe A, Habeanu M, Ciurescu G, Lefter NA, Idriceanu L, Dumitru M. 2020. Nutreț combinat cu calități funcționale pentru furajarea fazianilor de carne. A/00720/11.11.2020.
- Lefter NA, Hăbeanu M, Gheorghe A, Idriceanu L. 2020. Amestec furajer proteino-vitamino-mineral pentru hrana porcilor în faza de creștere-îngrășare. A/00719/11.11.2020.
- Gheorghe A, Dumitru M, Ciurescu G, Hăbeanu M, Lefter NA, Tabuc C, Sorescu I. 2019. Nutreț combinat îmbunătățit prin adaos de probiotic pentru furajarea porcilor de carne. A/00770/20.11.2019. Rezumat publicat în RO-BOPI nr. 04/2020 din 30.04.2020, p. 14-15. [C:\wpdocs\bopi\bopi420\bopi420 \(osim.ro\)](C:\wpdocs\bopi\bopi420\bopi420 (osim.ro))

#### MAIN PUBLICATIONS:

##### ISI: International collective

- Mihaela Habeanu, Agnès Thomas, Esperanza Bispo, Mylène Gobert, Dominique Gruffat, Denys Durand, Dominique Bauchart. Extruded linseed and rapeseed both influenced fatty acid composition of total lipids and their polar and neutral fractions in longissimus thoracis and semitendinosus muscles of finishing Normand cows. **Meat Science**. 2014. Vol. 96. pg. 99-106. FI 3,15 (2014). DOI: 10.1016/j.meatsci.2013.06.009
- Mylene Gobert, Emilie Parafita, Mihaela Habeanu, Dominique Gruffat, Dominique Bauchart, Denys Durand, 2009. Plant extracts combined with vitamin E in PUFA-rich diets of cull cows protect processed beef against colour deterioration **Meat Science**, Vol 85. /4 pg 676-683. DOI: 10.1016/j.meatsci.2010.03.024
- Ionelia Taranu, Tien-Thanh Nguyen, Kim-Dang Pham, Mihail A. Gras, Gina C. Pistol, Daniela E. Marin, Catalin Rotar, Mihaela Habeanu, Phu-Ha Ho, Thanh-Mai Le, Thi Thu-Hang Bui, Dinh-Vuong Mai, Son Chu-Ky. Rice and Cassava Distillers Dried Grains in Vietnam: Nutritional Values and Effects of Their Dietary Inclusion on Blood Chemical Parameters and Immune Responses of Growing Pigs. **Waste and Biomass Valorization**.
- Bauchart, D; Gobert, M; Habeanu, M; Parafita, E; Gruffat, D; Durand, D Effects of dietary n-3 polyunsaturated fatty acids and antioxidants on beef fatty acids and lipoperoxidation in meat-producing cattle. **Cahiers de Nutrition et de Dietetique**. Volume: 45. Issue: 6. Pages: 301-309. DOI: 10.1016/j.cnd.2010.06.002.
- Mylène Delosière, Emilie Parafita, Mihaela Habeanu, Dominique Gruffat, Denys Durand. Dietary Plant Extracts Combined with Vitamin E Limit the Discoloration in Stored n-3 PUFA Rich Meat. **Agricultural Sciences**, 2018, 9, 23-36.

##### ISI: National collective

- Hăbeanu Mihaela, Anca gheorghe, Teodor Mihalcea. 2023. Silkworm *Bombyx mori*—Sustainability and Economic Opportunity, Particularly for Romania. *Agriculture* 2023, 13, 1209. <https://doi.org/10.3390/agriculture13061209>.
- Hăbeanu M., Gheorghe A., Mihalcea T. 2023. Nutritional Value of Silkworm Pupae (*Bombyx mori*) with Emphases on Fatty Acids Profile and Their Potential Applications for Humans and Animals. *Insects*. 14, 254. <https://doi.org/10.3390/insects14030254>.
- Hăbeanu M., N. A. Lefter, A. Gheorghe, M. Ropotă, S.M. Toma, G.C. Pistol, Surdu I., M. Dumitru. Alterations in essential fatty acids, immunoglobulins (IgA, IgG and IgM), and enteric methane emission in primiparous sows fed hemp seed oil and their offspring response. *Veterinary Sciences*. 2022, 9(7), 352; <https://doi.org/10.3390/vetsci9070352>.
- Hăbeanu M., N A. Lefter, S.M.Toma, M. Dumitru, A. Cismileanu, I. Surdu, A. Gheorghe, C. Dragomir, A. Untea. Changes in ileum and cecum volatile fatty acids and their relationship with microflora and enteric methane in pigs fed different fiber levels. *Agriculture*, 2022, 12, 451. <https://doi.org/10.3390/agriculture12040451>, FI 3,408.

10. Mihaela Hăbeanu, Nicoleta Aurelia Lefter, Anca Gheorghe, Arabela Untea, Mariana Ropotă, Daniela-Mihaela Grigore, Iulia Varzaru and Smaranda Mariana Toma. 2019. Evaluation of Performance, Nitrogen Metabolism and Tissue Composition in Barrows Fed an n-3 PUFA-Rich Diet. **Animals**. 9, 234. FI 2.323 (2019) DOI: 10.3390/ani9050234
11. Mihaela Hăbeanu, N.A. Lefter, A. Gheorghe, C. Tabuc, A. Untea, I. Surdu, G. Ciurescu, C.G. Balan & C. Dragomir. 2015. Changes in certain serum and faeces parameters in weaned piglets as a response to nutritional stress. **South African Journal of Animal Science**. Vol 45 (2). Pg.164-172.
12. Mihaela Hăbeanu, Nicoleta Lefter, Anca Gheorghe, Al. Nagy, Daniela Marin, Mariana Ropotă. Effects of dietary flaxseed oil on the muscle fatty acid composition in Mangalitsa pigs in an extensive rearing system. **South African Journal of Animal Science**. 2014. Vol. 44, Issue 3, Pages: 240-244.
13. Mihaela Hăbeanu, Veronica Hebean, Ionelia Taranu, Mariana Ropota, Nicoleta Lefter, Daniela Marin. Dietary ecologic camelina oil – a beneficial source of n-3 PUFA in muscle tissue and health status in finishing pig. **Romanian Biotechnological Letters**. Vol. 16, No. 5, 2011.
14. Mihaela Hăbeanu, Nicoleta. A. Lefter, Mariana Ropota, Veronica S. Chedea, Anca Gheorghe, Smaranda M. Toma, Georgeta Ciurescu, Cătălin Dragomir. 2015. Dried grape pomace influenced fatty acids composition of Longissimus dorsi muscle and plasma polyphenols spectrum in finishing pigs. **Indian Journal of Animal Sciences**. 85 (7):110.
15. Mihai Laurentiu Palade, Mihaela Hăbeanu, Daniela Eliza Marin, Veronica Sanda Chedea, Gina Cecilia Pistol, Iulian Alexandru Grosu, Anca Gheorghe, Mariana Ropota and Ionelia Taranu. 2019. Effect of Dietary Hemp Seed on Oxidative Status in Sows during Late Gestation and Lactation and Their Offspring. **Animals**. 9(4), 194. DOI: 10.3390/ani9040194
16. Veronica Sanda Chedea, Laurentiu Mihai Palade, Daniela Eliza Marin, Rodica Stefania Pelmus, Mihaela Hăbeanu, Mircea Catalin Rotar, Mihail Alexandru Gras, Gina Cecilia Pistol and Ionelia Taranu. Intestinal Absorption and Antioxidant Activity of Grape Pomace Polyphenols. **Nutrients**. 10(5), 588. DOI: 10.3390/nu10050588.
17. Ionelia Taranu, Mihail Gras, Gina Cecilia Pistol, Monica Motiu, Daniela E. Marin, Nicoleta Lefter, Mariana Ropota, Mihaela Hăbeanu. Ω-3 PUFA Rich Camelina Oil By-Products Improve the Systemic Metabolism and Spleen Cell Functions in Fattening Pigs. **PlosOne**. 2014. Vol. 9. Issue 10. DOI: 10.1371/journal.pone.0110186
18. Ionelia Taranu, Mihaela Hăbeanu, Gras M.A, Pistol GC, Lefter A.N, Palade L.M, Ropota M., Chedea S.V, Marin D. Assesment of the effect of grape seed cake inclusion in the diet of healthy fattening –finishing pigs. **Journal of Animal Physiology and Animal Nutrition**. 2018:102 e 30-e-42. DOI: 10.1111/jpn.12697
19. Anca Gheorghe, Hăbeanu Mihaela, Lefter Nicoleta-Aurelia, Ropotă Mariana. 2019. Performance parameters, plasma lipid status, and lymphoid tissue fatty acid profile of broiler chicks fed camelina cake. **Brazilian Journal of Poultry Science**, vol. 21(4).
20. Arabela Untea, I Varzaru, T Panaite, M Hăbeanu, M Ropotă, M Olteanu, G Cornescu. Effects of chromium supplementation on growth , nutrient digestibility and meat quality of growing pigs. **South African Journal of Animal Science**. 47 (No.3) doi.org/10.4314/sajas.v 47i3,10.
21. Andreea Vasilachi, Georgeta Ciurescu, Mihaela Hăbeanu. Milk yield, physico-chemical parameters and fatty acid content from dairy cows fed two types of non-genetically modified soybean cakes. 2018. **The Indian Journal of Animal Sciences**, 88(5): 558-561, ISSN: 0367-8318.
22. Georgeta, Ciurescu Toncea I., Ropota M., and Hăbeanu M. (2018). Seeds composition and their nutrients quality of some pea (*Pisum sativum* L.) and lentil (*Lens culinaris* Medik.) cultivars. **Romanian Agricultural Research**. 35: 101-108. ISSN:1222-4227.
23. Georgeta Ciurescu, Vasilachi Andreea, Hăbeanu Mihaela, Dragomir Cătălin. Effects of dietary lentil seeds inclusion on performance, carcass characteristics and cecal pH of broiler chickens. **Indian Journal of Animal Sciences**, 87(9): 1130-34. (IF 2016 = 0,185).
24. Georgeta Ciurescu, M. Ropota, I. Toncea, and M. Hăbeanu/ 2016/. Camelia (*Camelina sativa* L. Crantz Variety) Oil and Seeds as n-3 Fatty Acids Rich Products in Broiler Diets and Its Effects on Performance, Meat Fatty Acid Composition, Immune Tissue Weights, and Plasma Metabolic Profile/. **J. Agr. Sci. Tech/** Vol. 18: 315-32.
25. Mihaela Hăbeanu, Anca Gheorghe, Ioan Surdu, Veronica Sanda Chedea, Nicoleta Aurelia Lefter, Gheorghe Stoian, Andreea-Anne-Mary-Dolores Panait, Ionuț Beia. 2018. N-3 PUFA-enriched hemp seed diet modifies beneficially sow milk composition and piglets' performances. **Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development** Vol. 18, Issue 1, 2018.
26. Mihaela Hăbeanu, Anca Gheorghe, Mariana Ropotă, Smaranda Mariana Toma, Monica Marin. 2018. Changes in fatty acids composition of longissimus dorsi muscle, brain, liver and heart as effect to hempseed addition in pigs feeding. **AgroLife Scientific Journal** - Volume 7, Number 2, 2018, p 61-67.

#### **BDI International collective**

1. Mihaela Hăbeanu, Denis Durand, Mylène Gobert and Dominique Bauchart 2008. Lipids and fatty acid composition of Longissimus thoracic and Semitendinosus muscles in finishing Normand cows. **Archiva Zootechnica**. Vol.11. no. 4. pg. 21-30.

2. Mylène Delosière; Agnès Thomas; Claudia E.M. Terlouw; Dominique Gruffat; Mihaela Habeanu; Denis Durand. Lipids, antioxidative status and color attributes in meat from slaughter to storage: impacts of diet supplementations and pre-slaughter stress. **Data in Brief**. Volume 30, June 2020, 105409.
3. Dominique Bauchart, Mylene Gobert, Mihaela Habeanu, Emilie Parafita, Dominique Gruffat, Denys Durand. Influence des acides gras polyinsaturés n-3 et des antioxydants alimentaires sur les acides gras de la viande et la lipoperoxydation chez le bovin en finition. **Oléagineux Corps Gras Lipides**. 2010, vol. 17. nr. 1. pg. 30-37. Nutrition Sante. DOI: 10.1016/j.cnd.2010.06.002
4. Dominique Bauchart, Esperanza Bispo Villar, Agnes Thomas, B. Lyan, Mihaela Habeanu, Dominique Gruffat, D. Durand. 2010. Linseed and rapeseed supplements diversely altered trans 18:1 isomers in total lipids of Longissimus thoracis muscle of finishing Normand cows. *Archiva Zootechnica*. Vol. 13 no. 1 pg. 5-12.

#### BDI national collective

5. Hăbeanu Mihaela, Gheorghe Anca, Lefter Nicoleta Aurelia, Untea Arabela, Idriceanu Lavinia, Ranta Mirela Felicia. Assessment of certain nitrogen metabolism indicators, enteric CH<sub>4</sub> and CO<sub>2</sub> emitted through manure related to different diets in barrow. **Archiva Zootechnica**. 23:2, 129-142, 2020 DOI: 10.2478/azibna-2020-0018.
6. Dumitru M., Lefter N., Idriceanu L., Ciurescu G., Habeanu M., 2021. Identification and characterization of *Bacillus megaterium* as probiotic bacteria in chickens broiler feed. *Scientific Papers: Animal Science and Biotechnologies*: 54(1): 124-133.
7. Gheorghe A., Hăbeanu M., Dumitru M., Lefter N.A., Idriceanu L. Performance and intestinal microflora response of broilers to a probiotic mixture supplementation. **Archiva Zootechnica**. 24:1, 53-65, 2021 DOI: 10.2478/azibna-2021-0005.
8. Mihaela Habeanu, N. Lefter, A. Gheorghe, C. Tabuc, M. Dumitru, G. Ciurescu, M. Palade, 2017. Effects of dietary peas mixed with linseed (3:1) on the growth performance, enteritis and certain serum parameter in weaned piglets. **Food and Feed Research**, vol. 44 (2), pag. 173-180.
9. Mihaela Hăbeanu, Anca Gheorghe, Rodica Diana Criste, Margareta Olteanu, Petruta Visinescu. 2019. Relation between the health of laying hens and eggs quality: a mini review. **Archiva Zootechnica**. vol 22:1, pg 15-31.
10. Mihaela Habeanu, Nicoleta Lefter, Anca Gheorghe, Ionelia Taranu. 2017. Assessment of the effects of dietary *Albanus sorghum* on some biochemical parameter in weaning piglets. **Archiva Zootechnica** 20:2, 25-32.
11. Mihaela Hăbeanu, I. Surdu, Anca Gheorghe. 2016. Model for nutrient flow estimation in gestating second parity Large White sows/ *Archiva Zootechnica*. 19:1, 45-55.
12. Mihaela Hăbeanu, Aurelia Nicoleta Lefter, Mariana Ropotă. 2016. Effects of the camelina cake on fatty acids composition in different organs of the pigs. **Archiva Zootechnica** 19:2, 5-16.
13. Mihaela Hăbeanu, Cristina Tabuc, Anca Gheorghe, Mariana Ropota, Mihaela Dumitru, Loredana Călin, T. Mihalcea, M. Palade. 2016. Preliminary study on the interrelation between sow milk quality and litter performance in relation to their health. **Scientific Papers-Animal Science Series:Lucrări Științifice - Seria Zootehnie**, vol. 66. 35-40.
14. Mihaela Habeanu, Veronica Hebean, Al. Nagy, Ionelia Taranu, Nicoleta Lefter, Daniela Marin, H. Grosu. 2011. The dietary omega -3 PUFA alter the metabolic and the immunologic serum profile in Mangalitzza pigs in extensive rearing system. **Archiva Zootechnica**. Vol 14-1. Pg. 5-12.
15. Mihaela Hăbeanu, Hebean Veronica1, Lefter Nicoleta Aurelia, Ropotă Mariana, Panait Al. M. Effect of dietary n-3 polyunsaturated fatty acids on Longissimus dorsi and Semitendinosus muscle in pigs. **Lucrari Stiintifice, Serie Zootehnie**, vol. 53. pag. 844 -849. 2010.
16. Mihaela Habeanu, Veronica Hebean, Ionelia Taranu, Daniela Marin, Mariana Ropota, Viorica Tamas. 2009. Effects of dietary Camelina oil on Large White pigs meat Quality. **Archiva Zootechnica** vol. 12. nr. 2. 31-46.
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