



# CURRICULUM VITAE

Dr. KONSTANTINOS G. ZARALIS

Assistant Professor in Animal Science  
School of Agricultural Sciences  
Department of Agriculture  
University of Western Macedonia

Florina, 2025

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## **I. PERSONAL INFORMATION**

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University of Western Macedonia, Terma Kontopoulou, 531 00,  
Florina.

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Office Phone: +30 23850 54618  
Department Secretariat Phone: +30 23850 54622

Date of birth 30 August 1975

Marital status Married, three children

## **II. QUALIFICATIONS - DEGREES**

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**2008      Ph.D. - Doctor of Philosophy (Ph.D.)**

Institute of Animal Cell and Immunity, School of Biological Sciences, University of Edinburgh, Scotland, UK.

PhD thesis: "Interactive effects between genotype, protein nutrition and immune status on the parasite-induced anorexia of sheep".

Available at: [era.ed.ac.uk/handle/1842/27737](http://era.ed.ac.uk/handle/1842/27737).

Experiments conducted at: Scottish Agricultural College, University of Edinburgh, Agri-Food and Biosciences Institute, Northern Ireland.

**2004      Master of Science (MSc) in Animal Production and Nutrition (awarded with commendation)**

School of Biological Sciences, University of Aberdeen, Scotland, UK.

Postgraduate Master Thesis: "The effect of forage chicory in controlling internal parasitism in lactating ewes and their lambs".

Experiments conducted at: Scottish Agricultural College, Craibstone Farm Cottages, Bucksburn, Aberdeen AB21 9YA, United Kingdom.

**2002      Basic Degree in Animal Science**

Department of Animal Production, School of Agricultural Technology, Higher Technological Educational Institute of Thessaloniki.

Thesis: "Goat farming in the prefecture of Chalkidiki: Presentation of breeding conditions, production and problems of the sector".

Study conducted at: Laboratory of Animal Husbandry, Department of Animal Production, School of Agricultural Technology, Higher Technological Educational Institute of Thessaloniki.

### **III. POSITIONS ACQUIRED - WORK EXPERIENCE**

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- 2022 to present     **Assistant Professor in Animal Science (Permanent position, Government Gazette 245/2022).**  
Department of Agriculture, School of Agricultural Sciences, University of Western Macedonia, Terma Kontopoulou, 531 00, Florina.
- 2018 - 2021       **Assistant Professor in Animal Science (Tenured position, Government Gazette 156/2018).**  
Department of Agriculture, School of Agricultural Sciences, University of Western Macedonia, Terma Kontopoulou, 531 00, Florina.
- 2016 - 2018       **Principal Researcher in Livestock Production (Permanent position).**  
The Organic Research Centre, UK, Trent Lodge, Stroud Rd, Cirencester GL7 6JN, United Kingdom.
- 2014 - 2016       **Senior Researcher in Livestock Production (Permanent position).**  
The Organic Research Centre, UK, Trent Lodge, Stroud Rd, Cirencester GL7 6JN, United Kingdom.
- 2010 - 2013       **Assistant Professor in Animal Science (Tenured position).**  
Department of Animal Environment and Health, Swedish University of Agricultural Sciences (SLU).
- 2009 - 2010       **Postdoctoral Researcher in Animal Science.**  
Department of Animal Environment and Health, Swedish University of Agricultural Sciences (SLU).
- 2009               **Postdoctoral Researcher in Animal Science.**  
Scottish Agricultural College, Scotland, King's Buildings, W Mains Rd, Edinburgh EH9 3JG, United Kingdom.

#### **IV. PROFESSIONAL TEACHING AND LECTURING (Post-graduate Courses)**

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I have organised and developed the content and the structure of the following courses that are being taught at the Postgraduate Master Program entitled “**Integrated Management of Farm Animals and Wildlife species**”, at the School of Agricultural Sciences, University of Western Macedonia. I am leading these courses since 2020 and they are constantly being developed and enriched with new knowledge.

**1. Innovative Technologies in Farm Animal Husbandry (Zootechnics)**

1<sup>st</sup> semester, Theory and Laboratory courses (total 4 hours)

*I have received a “honourable mention” by the Department’s Assembly (UoWM) for the quality of my teaching in this course (information in paragraph XI).*

**2. Advances in Farm Animal Nutrition**

2<sup>nd</sup> semester, Theory and Laboratory courses (total 4 hours)

*I have received a “honourable mention” by the Department’s Assembly (UoWM) for the quality of my teaching in this course (information in paragraph XI).*

**3. Animal Welfare and Ethology in Animal Sciences**

3<sup>rd</sup> semester, Theory and Laboratory courses (total 4 hours).

## **V. PROFESSIONAL TEACHING AND LECTURING (Undergraduate Courses)**

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I have organised and developed the content and the structure of the following courses that are being taught at the Undergraduate Study Program, at the School of Agricultural Sciences, University of Western Macedonia. I am leading these courses since 2018 and they are constantly being developed and enriched with new knowledge.

- 1. Animal Husbandry (zootechnics) (GEB0205)**  
2<sup>nd</sup> semester, Theory and Laboratory (total 4 hours)  
Special Background Core Course.
- 2. Principles of Farm Animal Nutrition (GEB0603)**  
6<sup>th</sup> semester, Theory and Laboratory (total 3 hours)  
Special Background Core Course.
- 3. Infectious and Parasitic Diseases (FGZ520)**  
5<sup>th</sup> semester, Theory and Laboratory (total 4 hours)  
Specialty Course for Degree in Animal Production Science
- 4. Nutritional Physiology of Farm Animals (ANP0701)**  
7<sup>th</sup> semester, Theory and Laboratory (total 4 hours)  
Specialty Course for Degree in Animal Production Science
- 5. Beef and Dairy Cattle Production (ANP0704)**  
7<sup>th</sup> semester, Theory and Laboratory (total 4 hours)  
Specialty Course for Degree in Animal Production Science
- 6. Sheep and Goat Production (ANP0801)**  
8<sup>th</sup> semester, Theory and Laboratory (total 4 hours)  
Specialty Course for Degree in Animal Production Science
- 7. Applied Ruminant Nutrition (ANP0901).**  
8<sup>th</sup> semester, Theory and Laboratory (total 4 hours)  
Specialty Course for Degree in Animal Production Science
- 8. Organic Farming of Farm Animals (ANP0804).**  
9<sup>th</sup> semester, Theory and Laboratory (total 4 hours)  
Specialty Course for Degree in Animal Production Science

## V. PROFESSIONAL TEACHING AND LECTURING (Undergraduate Courses)

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As an Assistant Professor at the Department of Animal Environment and Health of the Swedish University of Agricultural Sciences (2011 to 2013), I was lecturing at the following courses for the Degrees "Veterinary Nursing" or "Ethology & Animal Welfare".

1. **Biochemistry (BI1136)**  
Theory and Laboratory (total 4 hours).
2. **Animal Nutrition (BI1115)**  
Theory and Laboratory (total 4 hours).
3. **Animal Physiology and Function (BI1107).**  
Theory and Laboratory (total 4 hours).

## VI. STUDENTS' TEXTBOOKS PRODUCTION AND DEVELOPMENT

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For the undergraduate students that attend the University's study programme I have written and developed four textbooks that are distributed to students free of charge.

1. **Animal Husbandry (zootechnics)**  
*Students' Textbook. K. Zaralis (2020).*  
*Department of Agriculture, University of Western Macedonia, pages 185.*
2. **Beef and Dairy Cattle Production**  
*Students' Textbook. K. Zaralis (2021).*  
*Department of Agriculture, University of Western Macedonia, pages 195.*
3. **Sheep & Goat Farming**  
*Students' Textbook. K. Zaralis (2022).*  
*Department of Agriculture, University of Western Macedonia, pages 160.*
4. **Ruminant Animal Nutrition - Physiology of Nutrition.**  
*Students' Textbook. K. Zaralis (2023).*  
*Department of Agriculture, University of Western Macedonia, pages 198.*



## VII. STUDENT SUPERVISION

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### A. DOCTORAL THESIS SUPERVISION

#### Principal supervisor of PhD students and member of doctoral dissertation committees

1. "Optimization of zootechnical management of small ruminant farms as a lever for the development of artisan cottage cheese production in Greece" – In progress.  
*Department of Agriculture, University of Western Macedonia.*

#### Co-supervisor of PhD students and member of doctoral dissertation committees

1. "Identification and correlation of alleles and genotypes with reproductive parameters in indigenous sheep breeds" - In progress.  
*Department of Agriculture, University of Western Macedonia.*
2. "Ecology and Antibiotic Resistance of Campylobacter spp. in free-range Chickens" - In progress.  
*Department of Agriculture, University of Ioannina.*
3. "Sheep production systems in selected urban and peri-urban areas of north-central Ethiopia"  
Completed by W. Tsega (2013).  
*Department of Animal Environment and Health, Swedish University of Agricultural Sciences.*

### B. POSTGRADUATE MASTER SUPERVISION

In each academic year on average, I supervise three to six postgraduate students under the Master's Programme "Integrated Management of Farm Animals and Wildlife species" (main supervisor). I also participate as member of the committees for examination postgraduate student's dissertations (three to six per academic year).

I have also supervised Erasmus+ Students as well as Students at Swedish University of Agricultural Sciences

### C. UNDERGRADUATE SUPERVISION

In each academic year I normally undertake the supervision of three or four undergraduate students (Department of Agricultural Sciences, UoWM).

I also participate as member of the committees for examination undergraduate student's dissertations (three to six per academic year).

## **VIII. RESEARCH and TEACHING INTERESTS**

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- Evaluation of the use of aromatic plants and essential oils in animal nutrition, productivity and welfare of farm animals.
- Interactions between genotype, nutrition and environment on productivity, resilience and welfare of farm animals.
- Mechanisms for controlling and regulating food intake, feeding behaviour and food selection in farm animals, with emphasis on ruminants.
- Evaluation of innovations and best practices to support livestock farming at a practical and feasible level
- Organic livestock farming and low-input farming systems.
- Development and study of mathematical models for the description and determination of food intake and physical development.
- Study and development of holistic management systems for farm animals and development of applied management tools for practical interventions and decision making using smart devices.
- Zootechnical management of farm animals with emphasis on ruminant farming
- Physiology of farm animal nutrition
- Applied nutrition and feeding of ruminant animals

## IX. RESEARCH WORK AND EXPERIENCE

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### 1. Scientific project manager and research team leader in current projects

Reference years      Brief Project description

2024 - 2026      **The use of oregano oil and rose water in nutrition, productivity and welfare of productive animals.**

*Department of Agriculture, University of Western Macedonia.*

Budget: 110,232.60 €.

Funding body: Administration of Western Macedonia Region.

Funds management: Special Research Funds Account, UoWM.

2024 - 2025      **The Making of Fragile Agro-ecosystems Productive, Adaptive and Sustainable: Multifunctional Agro-pastoralism (PAS-AGRO-PAS)**

*Department of Agriculture, University of Western Macedonia.*

Budget: 3,570.00 €.

Funding Body: ERATOSTHENES Centre of Excellence (ECoE) of the Cyprus University of Technology (within the framework of the PRIMA programme).

Funds management: Special Research Funds Account, UoWM.

### 2. Scientific project manager and research team leader in projects that have been concluded

Reference years      Project brief description

2019 - 2020      **Protection of the sheep population of the indigenous Pelagonia breed in the transboundary area.**

*Department of Agriculture, University of Western Macedonia.*

Budget: 18,600.00 €.

Funding Body: LEVER Development Consultants S.A. (under the INTERREG IPA Cross Border Cooperation Programme).

Funds management: Special Research Funds Account, UoWM.

2019 - 2020      **Study of the current situation of the breeding of the indigenous sheep breed of Florina.**

*Department of Agriculture, University of Western Macedonia.*

Budget: 5,000.00 €.

Funding Body and Funds management: Special Research Funds Account, UoWM.

2016 - 2018      **Innovation for Sustainable Sheep and Goat Production in Europe (ISAGE).**

WP Leader: "Holistic Sustainability Assessments".

*The Organic Research Centre, UK.*

Budget: 705,556.25 €.

Funding Body: H2020 EU Funding Programme.

Funds management: Organic Research Centre, UK.

## IX. RESEARCH WORK AND EXPERIENCE

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### 2. Scientific project manager and research team leader in projects that have been concluded

Reference years      Brief Project description

2014 - 2016      **Sustainable Organic and Low Input Dairying (SOLID). (Δ12)**  
WP Co-Leader (together with Dr Susanne Padel): «Innovation through stakeholder engagement and participatory research».  
*The Organic Research Centre, UK.*  
  
Budget: 492,324.00 €.  
Funding Body: European Union's 7<sup>th</sup> Framework Programme.  
Funds management: Organic Research Centre, UK.

2014 - 2017      **Optimal Grazing Strategy for Dairy Cows (OPTGRAZE). (Δ12)**  
*The Organic Research Centre, UK.*  
  
Budget: 40,000.00 €.  
Funding Body: NIBIO, The Research Council of Norway  
Funds management: Organic Research Centre, UK.

### 3. Participation in research projects as member of research team

Reference years      Project brief description

2021 - 2022      **Agro-circularity: Training program to enhance circular bioeconomy in the agri-food sector.**  
*Department of Agriculture, University of Western Macedonia.*  
  
Funding Body: "New Agriculture New Generation" Organization, Region of Western Macedonia.  
Funds management: Special Research Funds Account, UoWM.

2021 - 2022      **Evaluation of production potential and quality characteristics of corn hybrids in the soil-climatic conditions of Western Macedonia.**  
*Department of Agriculture, University of Western Macedonia.*  
  
Funding Body: Agricultural House of Spyrou S.A.  
Funds management: Special Research Funds Account, UoWM.

2021 - 2022      **New technologies and innovative approaches in relation to Agri-food and Tourism (AGROTOUR). (D11)**  
*Department of Agriculture, University of Western Macedonia.*  
  
Funding Body: NSRF 2014-2020.  
Funds management: Special Research Funds Account, UoWM.

## IX. RESEARCH WORK AND EXPERIENCE

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### 3. Participation in research projects as member of research team

Reference years      Brief Project description

2020 - 2021      **Next Generation Smart Interconnected IoT (TERMINET). (Δ11)**  
*Department of Agriculture, University of Western Macedonia.*

Funding Body: H2020 EU Funding Programme  
Funds management: Special Research Funds Account, UoWM.

2014 - 2017      **Agroforestry that Will Advance Rural Development (AGFORWARD). (Δ12)**

Συμμετοχή στο εργασιακό πακέτο «Agroforestry in livestock systems». The Organic Research Centre, UK.

Funding Body: European Union's 7<sup>th</sup> Framework Programme FP7-KBBE.  
Funds management: Organic Research Centre, UK.

2014      **Improved Contribution of Local Feed to Support 100% Organic Feed Supply to Pigs and Poultry (ICOPP). (Δ12)**

Συμμετοχή στο εργασιακό πακέτο «Developing 100% organic feed strategies for pigs». The Organic Research Centre, UK

Funding Body: CORE Organic II, European Union's 7<sup>th</sup> Framework Programme  
Funds management: Organic Research Centre, UK.

2014 - 2017      **Innovative Farmers Research Program: Developing new feed crops for livestock. (Δ12)**

Scientific coordinator in participatory research with livestock farmers (Participatory Research) on the use of hydroponically produced feed for fattening cattle and laying hens. The Organic Research Centre, UK

Funding Body: Prince of Wales's Charitable Foundation.  
Funds management: Organic Research Centre, UK.

2012 - 2013      **Regional beef and lamb production - an engine of growth (REKS). (Δ14)**

Member of a research group on aid to local beef production in Sweden, Norway and Denmark. Department of Animal Environment and Health, Swedish University of Agricultural Sciences.

Funding Body: INTERREG IV-A Programme (Öresund-Kattegat-Skagerrak), the Västra Götaland Region and the Skaraborgs Local Authorities.  
Φορέας διαχείρισης: Swedish University of Agricultural Sciences

## IX. RESEARCH WORK AND EXPERIENCE

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### 4. Postdoctoral Research

Reference years      Brief Project description

2009 - 2012      **Whole-crop maize for silage: Effects of maturity stage at harvest and feeding strategy on performance in finishing bulls and growing lambs. (Δ14)**

Postdoctoral research on whether the cutting step of corn for silage affects feed intake and productivity in fattened calves and lambs. The research was completed during my tenure as an Assistant Professor in the same Department.

Department of Animal Environment and Health  
Swedish University of Agricultural Sciences.

Funding Body: Swedish Farmer's Foundation - Agroväst.  
Φορέας διαχείρισης: Swedish University of Agricultural Sciences

2009      **Review of nutrient efficiency in different breeds of farm livestock (Nutribreed - IF0183). (Δ5)**

The aim of the project was to study the influence of breed or genetic line on energy and nutrient utilization through literature review and modeling of production parameters for ten different livestock breeding systems.

Scottish Agricultural College

Funding Body: DEFRA - Department for Environment, Food and Rural Affairs, UK.  
Management body: Scottish Agricultural College.

## X. MEMBER OF SCIENTIFIC EDITORIAL BOARDS - EVALUATION COMMITTEES

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- 2020 to present      Member of the Editorial Board for the scientific journal **Tropical Animal Health and Production**.
- Springer Nature B.V.**
- 2021 - 2022            Member of the Editorial Board for the Greek Edition of the book "**Animal Physiology: From Genes to Organisms**" by **Lauralee Sherwood, Hillar Klandorf and Paul Yancey**.
- Broken-Hill Publishers**
- 2020                    Member of the Scientific Committee for the Evaluation of Research Proposals for the **LEAF (Linking Landscape, Environment, Agriculture and Food) Thematic Project call, Portugal**.
- 2020                    Member of the Scientific Committee for the Evaluation of Research Proposals for the Program "**New Agriculture for a New Generation**" in the framework of the **competition "Trophy-Food Challenge"**.

## XI. MEMBER OF SCIENTIFIC BODIES

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- Member of the Hellenic Society of Zootechnics ([HSAP](#)) since 2014
- Member of the Hellenic Pasture Society ([HRPS](#)) since 2021
- Member of The Nutrition Society ([NS](#)) over the years 2005 – 2007
- Member of The British Society of Animal Science ([BSAS](#)) over the years 2004 – 2013
- Member of The Nordic Association of Agricultural Sciences ([NJF](#)) κ over the years 2010 – 2013
- Member of The British Grassland Society ([BGS](#)) over the years 2015 – 2017
- COST Action Capara member (COST ACTION FA0805)
- COST Action DairyCare member (COST ACTION FA1308)

## XII. MEMBER OF SCIENTIFIC COMMITTEES OF CONFERENCES

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- 2023                    Member of the Scientific and Organizing Committee of the 11th Pasture Conference entitled "**Sustainable Production of Products and Ecosystem Services from Grazing Land**".
- School of Agricultural Sciences, Department of Agriculture, University of Western Macedonia.  
May – June 2023, Florina.
- 2021                    Secretary of the Organizing Committee and member of the Scientific Committee of the 10th Pasture Conference entitled "**Grazable land: An untapped natural resource and the challenges of the new CAP (2021. – 2027)**".
- School of Agricultural Sciences, Department of Agriculture, University of Western Macedonia.  
May – June 2021, Florina.
- 2019                    Member of the Scientific Committee at the **7th Panhellenic Conference on Animal Production Technology**.
- HELEXPO.  
February 2019, Thessaloniki.
- 2016                    Member of the Scientific and Organizing Committee for the conference "**Future sustainability of organic and low-input milk production: Challenges and solutions**".
- Regional Meeting on Dairy Livestock Production in Western Europe.  
January 2016, Bristol, UK.



### XIII. SCHOLARSHIPS, AWARDS & DISTINCTIONS

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- 2020 to present      Received three (3) times “**Honorable mention**” from the Assemblies of the Department of Agriculture, UoWM, for excellent performance in the Teaching Work of the Postgraduate Program of the Department “**Integrated Management of Farm Animals and Wildlife**” in the courses:
1. INNOVATIVE TECHNOLOGIES IN FARM ANIMAL HUSBANDRY  
1<sup>st</sup> semester 2020 – 2021, Student evaluation score 4.7/5.
  2. ADVANCES IN FARM ANIMAL NUTRITION  
2<sup>nd</sup> semester 2020 – 2021, Student evaluation score 4.67/5.
  3. ADVANCES IN FARM ANIMAL NUTRITION  
2<sup>nd</sup> semester 2021 – 2022, Student evaluation score 4.95/5.
- 2011                      **Travel Grant from (The Nutrition Society).**  
Honorary financial support received for a research visit to the Scottish Agricultural College, Scotland, U.K.
- 2011                      **Bröderna Jonsson Research Grant (Swedish University of Agricultural Sciences).**  
Honorary financial support I received as an assistant professor at the Swedish University of Agricultural Sciences to participate and present my research work at the Annual Conference of The British Society of Animal Science, Nottingham, UK.
- 2010                      **Stiftelsen Knut and Alice Wallenberg Grant (The Royal Swedish Academy of Agriculture and Forestry).**  
Honorary financial support I received as a postdoctoral researcher at the Swedish University of Agricultural Sciences for a three-month research visit at the University of Copenhagen, Denmark.
- 2007                      **Travel Grant from (The Nutrition Society)**  
Honorary financial support I received as a PhD candidate in order to participate and present my research work at the VII International Symposium on the Nutrition of Herbivores, September, 2007, Beijing, China.

### **XIII. SCHOLARSHIPS, AWARDS & DISTINCTIONS**

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2007

**The Murray Black Award (The British Society of Animal Science).**

Honorary financial support I received as a PhD candidate in order to participate and present my research work at the VII International Symposium on the Nutrition of Herbivores, September, 2007, Beijing, China.

2007

**The Sir Stephen Watson Prize (The Trustees of the Scotland's Rural College).**

Honorary distinction I received from Scotland's Rural College at a Scientific Conference of PhD Candidates for the best presentation of a PhD Project (Scotland's Rural College).

2003

**Three-year Postgraduate Scholarship (IKY).**

I received a scholarship for postgraduate studies in the science of Animal Husbandry at universities abroad after successful participation in special competitions conducted by the State Scholarships Foundation (IKY).

With the scholarship I attended the MSc in Animal Production and Nutrition at the School of Biological Sciences, University of Aberdeen as well as part of my doctoral research at the Institute of Animal Cell and Immunity, School of Biological Sciences, University of Edinburgh.

## **XIV. PARTICIPATION IN SCIENTIFIC ACTIVITIES & SPECIAL ASSIGNMENTS**

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### **1. Invited speaker at the following conferences**

- 2011           **«Goat parasite interactions: from knowledge to control»**, 3rd CAPARA WG Workshop (Cost action FA0805), November 2011, Limassol, Cyprus.
- 2015           **«Livestock Production in Southern Europe»**, SOLID Conference on Dairy Livestock Production, September 2015, Thessaloniki, Greece.
- 2015           «Livestock Production in Eastern Europe», SOLID Conference on Dairy Livestock Production, October 2015, Balotesti, Romania.

### **2. Reviewer of scientific articles for scientific journals:**

The British Journal of Nutrition | Livestock Science | Agricultural and Food Science | Land Use Policy | Tropical Animal health and Production | Journal of the Hellenic Veterinary Medical Society | Organic Agriculture | Applied Sciences

### **3. Advisory action**

As a researcher at the Organic Research Centre, UK I have provided advice and information through the Institute of Organic Training and Advice of the Organic Research Centre UK to consultants, farmers and individuals involved in organic farming and livestock farming.

### **4. Other scientific actions**

EIP-AGRI Workshop on «Tools for environmental farm performance», February 2017, Zagreb, Croatia.

Continuous participation in scientific consortia aiming at the preparation and submission of competitive research proposals both in international (e.g. Horizon Europe, H2020, FP7, PRIMA, INTERREG VA, INTERREG 2021-27, etc.) and in national funding programs.

## **XV. ADMINISTRATIVE WORK**

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### **A. School of Agricultural Sciences, University of Western Macedonia**

- 2023 to present     Member of the Internal Evaluation Team of the Doctoral Studies Program, Department of Agriculture (Act No. 21/2023).  
Support of internationalization actions of the University of Western Macedonia - PhD Program of the Department of Agriculture.  
Responsible for the feasibility study of the PhD program of the Department of Agriculture, University of Western Macedonia.  
Funding Body: NSRF 2014 – 2020 "Support of internationalization actions of the University of Western Macedonia".
- 2023 to present     Chairman of the Evaluation Committee for the Students' Practical Training carried out under the program "Practical Training of Tertiary Education of the University of Western Macedonia" that is supported by the National Strategic Reference Framework. Department of Agriculture of the University of Western Macedonia (Act No. 26/2023)
- 2021 to present     Elected member at the Association of Faculty Members (ESDEP) of the University of Western Macedonia (elections held on 09/12/2020).
- 2021 to present     Member of the Internal Evaluation Team of the Undergraduate Program of Studies, Department of Agriculture (Act No. 22/2021).
- 2020 to present     Member of the Deanery of the School of Agricultural Sciences of the University of Western Macedonia, according to the University decisions F3/S113/21-5-2020 and 8/23-09-2022.
- 2020 to present     Member of the General Assembly of the School of Agricultural Sciences, University of Western Macedonia, according to the University decisions 263/13-02-2020 and 65/10-11-2022
- 2020 to present     Member of the "Ephorate of Student Residences" of the University of Western Macedonia (Rector's Act No: 3318/07-01-2020, 717/01-10-2020, 6161/03-06-2022, 64/04-09-2023).
- 2020 to present     Coordinating Committee of the Postgraduate Program "Integrated Management of Farm Animals and Wildlife", Department of Agriculture (Pract. No. 20/2020).
- 2020 to present     Committee for the Formulation of the Curriculum of the Department of Agriculture (Act No. 02/2020).

## **XV. ADMINISTRATIVE WORK**

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### **A. School of Agricultural Sciences, University of Western Macedonia**

- 2020 to present      Committee for the Conduct of Placement Examinations at the Department of Agriculture (Act No. 10/2020, 17/2021, 9/2022, 11/2023).
- 2019 to present      Member of the General Assembly of the Department of Agriculture, School of Agricultural Sciences of the University of Western Macedonia according to the University decisions 285/30-9-2019 and 65/10-11-2022.
- 2022 - 2023          Evaluation Committee for the selection of Adjunct Professors in the Department of Agriculture, of the unidepartmental School of Agricultural Sciences of the University of Western Macedonia, for the spring semester of the academic year 2022-2023 (Act No. 24/2022).
- 2021 - 2023          Committee of Objections of the call for expression of interest for the submission of applications by young scientists holding a PhD in the framework of the implementation of the action "Acquisition of academic teaching experience to young scientists holding a PhD at the University of Western Macedonia for teaching at the Department of Agriculture (No. Act. 16/2021, 12/2022).
- 2021 - 2023          Alternate Member of the Research and Management Committee of ELKE of the University of Western Macedonia (Rector's Act No: 2480/22-01-21, 320/14-09-2021, 6474/20-06-2022, 5134/09-05-2023).
- 2021 - 2023          Alternate Member of the Committee for the receipt of materials and works for the University of Western Macedonia (Rector's Minutes or Act No: 2249/23-12-2020).
- 2019 - 2023          Committee for the evaluation of Academic Scholars for teaching at the Department of Agriculture (Pract. No. 04/2019, 10/2020, 15/2021, 13/2022, 06/2023).
- 2021 - 2022          Alternate member of the Primary Disciplinary Council of the Regional Directorate of Primary and Secondary Education of Western Macedonia of the Ministry of Education and Religious Affairs, until 31-12-2022 (Ministerial Decision 49184/N4/28-04-201).
- 2021 - 2022          Committee for the recording of equipment and laboratories of the Department of Agriculture (Act No. 09/2021).
- 2020 - 2022          Committee for the Preparation of the Study Guide of the Department of Agriculture (Act No. 06/2019, 02/2020, 21/2021).

## **XV. ADMINISTRATIVE WORK**

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### **A. School of Agricultural Sciences, University of Western Macedonia**

- 2020 - 2021 Committee for the Preparation of the Sustainability Report of the suspended Department of "Food Science and Nutrition" of the School of Agricultural Sciences (Act No. 13/2020).
- 2020 - 2021 Evaluation Committee for the Action "Support of the educational activities of HEIs during the academic year 2020-2021 by incorporating remedial teaching in addition to the main lectures at the University of Western Macedonia" (Act No. 08/2021).
- 2020 - 2021 Committee for the evaluation and selection of students, for the act "Internship of Higher Education-TEI of Western Macedonia" (Act No. 27/2020).
- 2018 - 2021 Committee for the Evaluation of Teaching Plans and the supporting documents for participation in the action entitled "Acquisition of Academic Teaching Experience to Young Scientists holding a PhD", for teaching at the Department of Agriculture. (Minutes No. 09/2018, 08/2019, 11/2020).
- 2018 - 2021 Student Advisory Committee - Student Advisor for the direction of Animal Production of the Department (Act No. 11/2018, 20/2020)
- 2019 - 2020 Committee for the evaluation of temporary teaching staff under a fixed-term private law contract based on P.D. 407/80, for teaching at the Department of Agriculture (Act No. 04/2019).
- 2019 - 2020 Committee for the drafting of programmes (timetable and examinations) for the academic year 2019-2020 (Act No. 04/2019).
- 2019 - 2020 Committee for the Collection and Utilization of proposals of the faculty members of the School of Agricultural Sciences for interventions in the premises of the School (Act No. 05/2019).
- 2018 - 2019 Elected Member of the Deanery of the School of Technologists of Agriculture, Food and Nutrition of the TEI of Western Macedonia. Minutes of General Assembly according to the University decisions 266/6-11-2018.
- 2018 - 2019 Member of the General Assembly of the School of Agronomy, Food and Nutrition Technologists of the TEI of Western Macedonia according to the University decisions: 135/18-6-2018.
- 2018 - 2019 Committee for the evaluation of temporary teaching staff for teaching at the Department of Agriculture. (Act No. 08/2018).

## **XV. ADMINISTRATIVE WORK**

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### **B. The Organic Research Centre, UK**

2014 - 2018            Member of the General Assembly of Research Staff.

2017 - 2018            Member of the Committee of Research.

### **C. Department of Animal Environment and Health, Swedish University of Agricultural Sciences**

2009 - 2013            Member of the General Assembly of the Department of Animal Environment and Health staff throughout my tenure.

2009 - 2013            Member of the Section of Production Systems Assembly

## XVI. LIST OF PUBLICATIONS

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### 1. Dissertations

- 1 Zaralis, Konstantinos. 2008. Interactive Effects between Genotype, Protein Nutrition and Immune Status on the Parasite-Induced Anorexia of Sheep, The University of Edinburgh, [era.ed.ac.uk/handle/1842/27737](http://era.ed.ac.uk/handle/1842/27737).
- 2 Zaralis, Konstantinos. 2004. The effect of forage chicory (*Cichorium intybus*) on parasitism and performance of organic lactating ewes and their lambs. University of Aberdeen.
- 3 Zaralis, Konstantinos. 2002. Goat farming in the prefecture of Chalkidiki: Presentation of the breeding conditions, production and problems of the sector". Laboratory of Animal Husbandry, Department of Animal Production, School of Agricultural Technology, Technological Educational Institute of Thessaloniki.

### 2. Books

- 1 ANIMAL PHYSIOLOGY - FROM GENES TO ORGANISMS. 2022. Lauralee Sherwood, Hillar Klandorf and Paul H. Yancey.

Member of the editorial team for the Greek edition of the book by Broken-Hill Publishers. This is a comprehensive publication that involves the study of the physiology of animal organisms, from the level of the gene to the level of the whole organism. The book is addressed to postgraduate or undergraduate students of Schools of Biology, Health and Agricultural Sciences.

- 2 PRACTICAL GUIDE FOR OPTIMAL MANAGEMENT OF FLORINA SHEEP FARMS. 2019. Collective work

Scientific Coordinator of the Publication: K. Zaralis.

Deliverable of the Research Project "Protection of indigenous sheep populations of the Pelagonia breed in the cross-border area". Printing - Binding: Florinian editions of L.I. Aristidou.



## XVI. LIST OF PUBLICATIONS

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### 3. Scientific articles published in reputable scientific journals (Peer-Reviewed; published)

- 1 Itziou, A., Ziouzos, D., Zaralis, K., Lakioti, E., Karayannis, V., & Tsanaksidis, C. (2024). The Processing of a Novel Health Beverage Based on Extracts from Green Tea and Chios Mastiha. *Processes*, 12(11), 2433.
- 2 Tsakmakidis, I., Lefkaditis, M., Sofia, M., Zaralis, K., & Giantsis, I. A. (2024). Prevalence of *Neospora caninum* and associated risk factors in semi-intensive female water buffaloes reared in Greece, using an ELISA kit on milk samples. *Veterinary Parasitology: Regional Studies and Reports*, 54, 101081.
- 3 Fotou, K., Rozos, G., Zaralis, K., Dadamogia, A., Stavropoulou, E., Demertzis, P., Akrida-Demertzi, K., Tzora, A. and Voidarou, C. (2024). Pathogens in the Food Chain: *Escherichia coli* Strains in Raw Milk Originating from Ewes Treated for Mastitis with Various Therapeutic Protocols. *Applied Sciences*, 14(13), p.5383.
- 4 Antoniadou, M., Rozos, G., Vaou, N., Zaralis, K., Ersanli, C., Alexopoulos, A., Dadamogia, A., Varzakas, T., Tzora, A. and Voidarou, C. (2024). Comprehensive Bio-Screening of Phytochemistry and Biological Capacity of Oregano (*Origanum vulgare*) and *Salvia triloba* Extracts against Oral Cariogenic and Food-Origin Pathogenic Bacteria. *Biomolecules*, 14(6), p.619.
- 5 Tsakmakidis, I., Lefkaditis, M., Zaralis, K., & Arsenos, G. (2024). Alternative hosts of *Leishmania infantum*: a neglected parasite in Europe. *Tropical Animal Health and Production*, 56(4), 1-14.
- 6 Dermatas A., Rozos G., Zaralis K., Dadamogia A., Fotou K., Bezirtzoglou E., Akrida-Demertzi K., Demertzis P. and Voidarou C. (2024) Overview of Ecology and Aspects of Antibiotic Resistance in *Campylobacter* spp. Isolated from Free-Grazing Chicken Tissues in Rural Households. *Microorganisms*, 12, 368. doi.org/10.3390/microorganisms12020368
- 7 Antoniadou, M., Rozos, G., Vaiou, N., Zaralis, K., Ersanli, C., Alexopoulos, A., Tzora, A., Varzakas, T., & Voidarou, C. (Chrysa). (2023). The in vitro assessment of antibacterial and antioxidant efficacy in *Rosa Damascena* and *Hypericum perforatum* extracts against pathogenic strains in the interplay of dental caries, oral health, and food microbiota. *Microorganisms*, 12(1), 60. doi.org/10.3390/microorganisms12010060
- 8 Itziou, A., Zaralis, K., Theofanous, A., Louloudi, M., Rozos, G., Vasiliadou, I. A., Lakioti, E., Karayannis, V., & Tsanaksidis, C. (2023). Sustainable antioxidant production for hygienic disinfection using bioextractants from lavender and oregano distillation process. *Energies*, 16(22), 7534. doi.org/10.3390/en16227534
- 9 Giantsis, I. A., Antonopoulou, D., Dekolis, N., Zaralis, K., & Avdi, M. (2022). Origin, demographics, inbreeding, phylogenetics, and phenogenetics of Karamaniko breed, a major common ancestor of the autochthonous Greek sheep. *Tropical Animal Health and Production*, 54(1). doi.org/10.1007/s11250-022-03081-2

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### 3. Scientific articles published in reputable scientific journals (Peer-Reviewed; published)

- 10 Silva, S. R., Sacarrão-Birrento, L., Almeida, M., Ribeiro, D. M., Guedes, C., González Montaña, J. R., Pereira, A. F., Zaralis, K., Geraldo, A., Tzamaloukas, O., Cabrera, M. G., Castro, N., Argüello, A., Hernández-Castellano, L. E., Alonso-Diez, Á. J., Martín, M. J., Cal-Pereyra, L. G., Stilwell, G., & de Almeida, A. M. (2022). Extensive sheep and goat production: The role of novel technologies towards Sustainability and Animal Welfare. *Animals*, 12(7), 885. doi.org/10.3390/ani12070885
- 11 Papathanasiou, F., Zaralis, K., Koutseri, I., Malakou, M., Papadopoulos, A., Pliantza, A., Aggelaki, M., Karetsa, V., & Papadopoulos, I. (2021). Nutritive value of riparian common reed biomass for ruminants. *AGROFOR*, 6(2). doi.org/10.7251/agreng2102098p
- 12 Paltaki, A., Michailidis, A., Chatzitheodoridis, F., Zaralis, K., & Loizou, E. (2021). Bioeconomy and Livestock Production Nexus: A Bibliometric network analysis. *Sustainability*, 13(22), 12350. doi.org/10.3390/su132212350
- 13 Kakamoukas, G., Sarigiannidis, P., Maropoulos, A., Lagkas, T., Zaralis, K., & Karaiskou, C. (2021). Towards Climate Smart Farming—A Reference Architecture for Integrated Farming Systems. *Telecom*, 2(1), 52–74. doi.org/10.3390/telecom2010005.
- 14 Zaralis, K., & Padel, S. (2019). Effects of High Stocking Grazing Density of Diverse Swards on Forage Production, Animal Performance and Soil Organic Matter: A Case Study. *Innovative Approaches and Applications for Sustainable Rural Development*, 131–146. doi.org/10.1007/978-3-030-02312-6\_8
- 15 Rose, I., Martin-Collado, D., Orsini, S., Zanolli, R., Yañez-Ruiz, D., Zaralis, K., & Arsenos, G. (2019). Using the Multi-stakeholder Approach to Match Potential Innovations with Challenges Experienced by European Sheep and Goat Farms. *Innovative Approaches and Applications for Sustainable Rural Development*, 119–130. doi.org/10.1007/978-3-030-02312-6\_7
- 16 Kidane, A., Prestløkken, E., Zaralis, K., & Steinshamn, H. (2018). Effects of three short-term pasture allocation methods on milk production, methane emission and grazing behaviour by dairy cows. *Acta Agriculturae Scandinavica, Section A — Animal Science*, 68(2), 87–102. doi.org/10.1080/09064702.2019.1577912
- 17 Höglund, J., Hesse, A., Zaralis, K., Arvidsson-Segerkvist, K., & Athanasiadou, S. (2018). Weight gain and resistance to gastrointestinal nematode infections in two genetically diverse groups of cattle. *Veterinary Parasitology*, 249, 88–91. doi.org/10.1016/j.vetpar.2017.11.011
- 18 Padel, S., Vaarst, M., & Zaralis, K. (2015). Supporting Innovation in Organic Agriculture: A European Perspective Using Experience from the SOLID Project. *Sustainable Agriculture Research*, 4(3), 32–41. doi.org/10.5539/sar.v4n3p32

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### 3. Scientific articles published in reputable scientific journals (Peer-Reviewed; published)

- 19 Helander, C., Nørgaard, P., Zaralis, K., Martinsson, K., Murphy, M., & Nadeau, E. (2015). Effects of maize crop maturity at harvest and dietary inclusion rate of maize silage on feed intake and performance in lambs fed high-concentrate diets. *Livestock Science*, 178, 52–60. doi.org/10.1016/j.livsci.2015.05.002
- 20 Clements, R. C., Higham, L. E., Smith, J., Gerrard, C. L., Colley, M. C., Zaralis, K., Nelder, R., Pearce, B., Rayner, A., & Bright, A. (2015). Exploring the Feasibility of Using Silage-Based Feed with Alternative Sources of Protein in Organic Pig Rations. *Organic Farming*, 1(1), 50-56. doi.org/10.12924/of2015.01010050
- 21 Zaralis, K., Nørgaard, P., Helander, C., Murphy, M., Weisbjerg, M., & Nadeau, E. (2014). Effects of maize maturity at harvest and dietary proportion of maize silage on intake and performance of growing/finishing bulls. *Livestock Science*, 168, 89–93. doi.org/10.1016/j.livsci.2014.07.013
- 22 Tsega, W., Tamir, B., Abebe, G., and K., Zaralis. (2014). Characteristics of Urban and Peri-Urban Sheep Production Systems and Economic Contribution in Highlands of Ethiopia. *Iranian Journal of Applied Animal Science*, 4 (2), 341-349. [ijas.rasht.iau.ir/article\\_513680.html](http://ijas.rasht.iau.ir/article_513680.html)
- 23 Zaralis, K., Tolkamp, B. J., Houdijk, J. G. M., Wylie, A. R. G., & Kyriazakis, I. (2009). Consequences of protein supplementation for anorexia, expression of immunity and plasma leptin concentrations in parasitized ewes of two breeds. *British Journal of Nutrition*, 101(4), 499–509. <https://doi.org/10.1017/s000711450802401x>
- 24 Zaralis, K., Tolkamp, B. J., Houdijk, J. G. M., Wylie, A. R. G., & Kyriazakis, I. (2008). Changes in food intake and circulating leptin due to gastrointestinal parasitism in lambs of two breeds. *Journal of Animal Science*, 86(8), 1891–1903. <https://doi.org/10.2527/jas.2007-0698>
- 25 Zaralis, K., Tolkamp, B., Houdijk, J., Wylie, A., & Kyriazakis, I. (2007). Effects of nematode infection on anorexia and leptin levels in lambs of two breeds. *Journal of Animal and Feed Sciences*, 16(Suppl. 2), 405–410. <https://doi.org/10.22358/jafs/74570/2007>

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### 4. Scientific articles published in conference proceedings International or national, peer-reviewed

- 26 Thomou Z., Zaralis K., Dovas Chr., Argyriou A., Poutahidis T., Mouchtaropoulou E., Koenen J., & Haidoutis S. (2023) Investigation of passive immunity against SARS-COV-2 provided through Colostrum in farmed mings. *Journal of Zootechnical Science Special Edition No. 52*. pp 98 – 99.
- 27 Loudovaris S., Kalfas D., Melfou A., Giannsis I. & Zaralis K. (2023) Recreation uses of the natural ecosystem of Grammos of the Municipality of Nestorio in the Regional Unit of Kastoria Proceedings of the 11th Panhellenic Pasture Conference "Sustainable Production of Products and Ecosystem Services from Grazing Lands". Special edition, Volume and p. *Pending*.
- 28 K. Zaralis, E. Koutseri, M. Malakou, A. Papadopoulos, A. Pliantsa, M. Angelaki, V. Karetsa and F. Papathanasiou. (2021). Evaluation of biomass quality characteristics from different lakeside vegetation areas of Lake Micro Prespa as feed. Proceedings of the 10th Panhellenic Pasture Conference "Grazable land: an untapped natural resource and the challenges of the new CAP (2021 – 2027)". Special edition, p. 45 – 50.
- 29 Theodoridis A., Ragkos A., Zaralis K., Smith L., Arsenos G. (2019). Towards a pan-European typology of sheep and goat farms: A metaanalysis. *Options Méditerranéennes: Series A, Innovation for sustainability in sheep and goats*. vol. 123, 65-69.
- 30 Zaralis, K.; Smith, L.; Belanche, A.; Morin, E.; Mullender, S.; Martín-García, I.; Yañez-Ruiz, D. Developing an assessment tool to evaluate the sustainability of sheep and goat farming systems in Europe (2017). In Proceedings of the 8th International Conference on Information and Communication Technologies in Agriculture, Food & Environment, Chania, Greece, 21–24 September 2017; pp. 633–641.
- 31 Zaralis K and Padel S. (2017). The Effects of “Mob Grazing” on Soil Organic Matter and Dairy Cow Performance – A Case Study. In Proceedings of the 8th International Conference on Information and Communication Technologies in Agriculture, Food & Environment, Chania, Greece, 21–24 September 2017; pp. 559–542.
- 32 Collado M., Rose G., Diaz C., Zaralis K., and Yañez-Ruiz D., (2017) Priority Innovations for European Sheep and Goat Industry Members. In Proceedings of the 8th International Conference on Information and Communication Technologies in Agriculture, Food & Environment, Chania, Greece, 21–24 September 2017; pp. 652–657.
- 33 Zaralis K., Kendall NR., Susanne P. (2017) Effects of Iodine-based teat disinfectants on Iodine concentrations in organic milk. In Innovative Research for Organic 3.0 - Proceedings of the Scientific Track Rahmann et al (eds), Thünen Report 54 - Volume 2, pp 539 – 542.

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### 4. Scientific articles published in conference proceedings International or national, peer-reviewed

- 34 Smith J., Vieweger A., Zaralis K., Wolfe M. (2017) Improving UK agroforestry: A participatory approach to identifying, developing and field-testing innovations. In Innovative Research for Organic 3.0 - Proceedings of the Scientific Track Rahmann et al (Eds), Thünen Report 54 - Volume 1, pp 99 – 102.
- 35 Åkerlind, M., Johansson, B., Stenberg, H., Zaralis, K., Schei, I., Nielsen, N.I., & Nadeau, E., (2014) Predicting intake capacity of growing bulls. Proceedings of the 6th Nordic Feed Science Conference, Uppsala, Sweden. Report 291, pp. 123-129. Swedish University of Agricultural Sciences.
- 36 Nadeau, E and K. Zaralis (2014) Effects of maize maturity at harvest and dietary proportion of maize silage on intake and performance of growing/finishing bulls. Proceedings of the NJF seminar 475, Maize in a cooler climate - from seed to feed 24-25 September 2014 Sweden. Vol 10 pp 109 – 110.
- 37 Leach, K., Palomo, G., Waterfield, W., Zaralis, K., Padel, S. (2014) Diverse Swards and Mob Grazing for Dairy Farm Productivity: A UK Case Study. In: Rahmann G and Aksoy U (Eds.): Building Organic Bridges. Proceedings of the 4th ISOFAR Scientific Conference at the Organic World Congress 2014. 13-15 October 2014 in Istanbul, Turkey. Thuenen Report 20, Braunschweig, Germany, pages: 1155 – 1158.
- 38 Smith, J., Gerrard, C., Nelder, R., Clements, R., Pearce, B., Zaralis, K., (2014) 100% Organic Feed for Pigs - Results Of Feed Trials. In: Rahmann G and Aksoy U (Eds.): Building Organic Bridges. Proceedings of the 4th ISOFAR Scientific Conference at the Organic World Congress 2014. 13-15 October 2014 in Istanbul, Turkey. Thuenen Report 20, Braunschweig, Germany, pages: 1151 – 1154.
- 39 Zaralis, K., Tolkamp, B.J., Wylie, A.R.G., Houdijk, J.G.M., Stear, M., Kyriazakis, I. (2011). Parasite-induced anorexia and its association with the immune response and plasma leptin concentrations in lambs of two genotypes. *Options Méditerranées: Series A, Challenging strategies to promote the sheep and goat sector in the current global context.* vol. 99, 305-311. [om.ciheam.org/om/pdf/a99/00801572](http://om.ciheam.org/om/pdf/a99/00801572)
- 40 Zaralis, K., Helander, C., Nadeau, E., Johansson, S., Nørgaard, P. and Murphy, M. (2010). Whole-crop maize for silage: Effects of maturity stage at harvest and feeding strategy on feed intake, chewing behaviour, diet selection and performance in growing bulls and ram lambs. Proceedings of the 1st Nordic Feed Science Conference, Uppsala, Sweden. Report 274, pp. 190-194. Swedish University of Agricultural Sciences.
- 41 Zaralis K., Tolkamp B.J., Houdijk J.G.M., Kyriazakis I. Consequences of protein supplementation on anorexia and expression of immunity in two parasitized sheep breeds (2009). *Options Méditerranées: Series A, Nutritional and Foraging Ecology of Sheep and Goats;* vol. 99, pp. 419-423. [om.ciheam.org/om/pdf/a85/00801037.pdf](http://om.ciheam.org/om/pdf/a85/00801037.pdf)

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### **4. Scientific articles published in conference proceedings International or national, peer-reviewed**

- 42 Katanos, I., Laga, V., Zaralis, K., and Skapetas, B. (2005). Goat breeding in Halkidiki Prefecture of Central Macedonia, Greece. *Animal Production and Natural Resources Utilisation in the Mediterranean Mountain Areas*. – EAAP, Issue 115, pp 348-351.

### **5. Papers in international conferences after peer-reviewed review**

- 43 Theodoridis A., Zaralis K., Davis C., Noble N., Arsenos G. (2019). Assessing efficiency of meat sheep farms in the UK by performance evaluation and benchmarking. In: *Advances in Animal Biosciences, "Animal Science Fit for the Future"*. Cambridge University Press. *Proceedings of the Annual Meeting of the British Society of Animal Science, Vol 10, issue 1, p 229.*
- 44 Theodoridis A., Ragkos A., Arsenos G., Zaralis K., Zanolis R. (2019). Consumer preferences for sheep and goat products in Greece: Qualitative insights. In: *Advances in Animal Biosciences, "Animal Science Fit for the Future"*. Cambridge University Press. *Proceedings of the Annual Meeting of the British Society of Animal Science, Vol 10, issue 1, p 231.*
- 45 Thomas C., Zaralis K., Zanolis R., Del Prado A., Rose G., Banos G., Pompozzi A. Arsenos G. (2018). Implications of climate change on small ruminant systems in Europe. In: *Book of Abstracts of the 69th Annual Meeting of the European Federation of Animal Science. No 24, page 130.*
- 46 Pardo G., Del Prado A., Mullender S., Zaralis K., Dellar M., Yañez-Ruiz D. and Carabaño M.J. (2018). Holistic approach to improving European sheep and goat sectors – iSAGE. In: *Book of Abstracts of the 69th Annual Meeting of the European Federation of Animal Science. No 24, page 631.*
- 47 Ragkos A., Theodoridis A., Zaralis K., Rose G., Lagka V., and Arsenos G. (2017). Innovative marketing of high quality dairy products from transhumant sheep and goat farms in Greece. In: *Book of Abstracts of the 68th Annual Meeting of the European Federation of Animal Science. No 23, page 359.*
- 48 Zaralis, K., Waterfield, W. and Padel, S (2015) Prophylactic liniment mint oil cream treatment reduces cows' somatic cell counts in on-farm trials. In: *Advances in Animal Biosciences, Cambridge University Press. Proceedings of the Annual Meeting of the British Society of Animal Science, Vol 6, issue 02, p 232.*

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### 5. Papers in international conferences after peer-reviewed review

- 49 Zaralis, K., Nadeau, E., Johansson, S., Helander, C., Nørgaard, P., Murphy, M. (2011) Effects of maturity stage at harvest and dietary inclusion rate of whole-crop maize silage on intake, feed utilization and carcass quality of growing dairy bulls. In: *Advances in Animal Biosciences, "Food Security – Challenges and Opportunities for Animal Science"*. Cambridge University Press. Proceedings of the Annual Meeting of the British Society of Animal Science, Vol 2, part 1, p 088.
- 50 Zaralis, K., Tolkamp, B.J., Kyriazakis, I., Wylie, A.R.G., Houdijk, J.G.M., Stear, M. (2011). Associations between plasma leptin, IgA and food intake in parasite naïve or immune lambs of two genotypes following a *T.circumcincta* infection. Proceedings of the 8th International Symposium on the Nutrition of Herbivores. In: *Advances in Animal Biosciences, Cambridge University Press, Vol 2, part 2, p 419.*
- 51 Nadeau, E., Svensson, E., Zaralis, K., Helander, C., Pauly, T., Arnesson, A., (2011). Effects of additive on aerobic stability and nutritive value of maize silage stored during different time periods when harvested at advancing maturity stages. Proceedings of the 8th International Symposium on the Nutrition of Herbivores. In: *Advances in Animal Biosciences, Cambridge University Press, volume 2, part 2, p 393.*
- 52 Zaralis, K., Tolkamp, Houdijk, J.G.M., Kyriazakis, I. (2007). Effects of protein supplementation on anorexia and expression of immunity in parasitised periparturient ewes of two breeds. Proceedings of the British Society of Animal Science, volume 2007, p. 094.
- 53 Zaralis, K., Tolkamp, B.J., Wylie, A.R.G., Houdijk, J.G.M., Kyriazakis, I. (2007). Effects of secondary nematode infection on anorexia and leptin levels in growing lambs of two different breeds. Proceedings of the British Society of Animal Science, volume 2007 p. 091.
- 54 Zaralis, K., Tolkamp, B.J., Houdijk, J.G.M., Wylie, A.R.G., Kyriazakis, I. (2006). Effects of parasitic infection on anorexia and leptin levels in lambs of two different breeds. Proceedings of the Nutrition Society, volume 65, p. 73A.
- 55 Athanasiadou, S., Gray, D., Tzamaloukas, O., Zaralis, K., Lhuillier, T., Kyriazakis I. and Jackson, F. (2004). Is there a role for chicory in controlling internal parasitism in organic sheep? Proceedings of the British Society of Animal Science, volume 2005, p. 088.

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### 6. Scientific Reports – Project Deliverables

- 56 Zaralis, K. and Theodoridis, A. (2021). Deliverable 3.1.3 Report on the historic evolution of Pelagonia breed in the cross-border area. INTERREG IPA Cross Border Cooperation Programme –“PAPESHE” Project. [keep.eu/api/project-attachment/8661/get\\_file](http://keep.eu/api/project-attachment/8661/get_file)
- 57 Zaralis K., Anastasiadou M., Parisis T., Lougas D. (2021). Study of the current state of farms of the indigenous Florina Sheep Breed: assessment of the reproductive characteristics of rams and the organoleptic characteristics of milk. Funding of ELKE FYROM. Department of Agriculture, School of Agricultural Sciences, University of Western Macedonia.
- 58 Mullender S., Zaralis K., Pardo G., del Prado A., Dellar M., Yañez-Ruiz D., Jesús Carabaño M. (2017). Report on review of information on FP7 projects and literature on climate change and small ruminants. Deliverable No: 3.1. Innovation for Sustainable Sheep and Goat Production in Europe – ISAGE. <https://shorturl.at/clFK3>
- 59 Theodoridis A., Ragkos A., Zaralis K., Mullender S. and Arsenos G. (2016). Report on new farm typologies for sheep and goat systems within the EU. Deliverable No: 1.1. Innovation for Sustainable Sheep and Goat Production in Europe – ISAGE. <https://shorturl.at/dsxBH>
- 60 Susanne P., Zaralis K., Mark M., and Sumption, P. (Eds.) (2016) Farmer Handbook reporting the outcome of participatory research findings. Organic Research Centre. Newbury. SOLID Deliverable 1.2. Organic Research Centre, Newbury. <http://orgprints.org/31972/>
- 61 Zaralis K., Rinne M., Kurki P., Dragomir C., Gerrard C. and Padel S., (2016) Innovative strategies related to forage production, utilization and feeding for dairy cow productivity. Deliverable 1.2 of the SOLID project, pp 1 – 56. The Organic Research Centre, Newbury, UK. <https://orgprints.org/id/eprint/35189/>
- 62 Vaarst M., Zaralis K. and Padel S. (2016) Recommendations on innovative strategies related to animal health management. Deliverable 1.3 of the SOLID project, pp 1 – 45. The Organic Research Centre, Newbury, UK. <https://orgprints.org/id/eprint/35190/>
- 63 Yanez-Ruiz D., Martin-Garcia I., Arsenos G. and Zaralis K. (2016) Recommendations on innovative strategies related to nutrition, health and welfare of small ruminants. Deliverable 1.4 of the SOLID project, pp 1 – 34. The Organic Research Centre, Newbury, UK. <https://orgprints.org/id/eprint/35192>
- 64 Zaralis K and Leach K (2015) SOLID participatory research from UK: A farm case study of rearing calves on milking cows. Report UK1 of the SOLID project, pp 1 – 11. The Organic Research Centre, Newbury, UK. <https://shorturl.at/cGSY5>



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### 6. Scientific Reports – Project Deliverables

- 65 Zaralis K (2015) SOLID participatory research from UK: Reducing antibiotic use for mastitis control in organic dairy farms. Report UK2 of the SOLID project, pp 1 – 11. The Organic Research Centre, Newbury, UK. <https://shorturl.at/gABET>
- 66 Zaralis K (2015) SOLID participatory research from UK: Mob Grazing for Dairy Farm Productivity. Report UK3 of the SOLID project, pp 1 – 12. The Organic Research Centre, Newbury, UK. <https://shorturl.at/dzGS4>
- 67 Zaralis K (2015) SOLID participatory research from UK: Iodine concentrations in milk of organic dairy farms. Report UK4 of the SOLID project, pp 1 – 21. The Organic Research Centre, Newbury, UK. <https://rb.gy/2gditp>
- 68 Zaralis K (2015) SOLID participatory research from UK: Performance of Diverse Swards on Commercial Dairy Farms. Report UK5 of the SOLID project, pp 1 – 11. The Organic Research Centre, Newbury, UK. <https://rb.gy/rynvv6>
- 69 Tolkamp, B., Wall, E., Roehe, R., Newbold, J., Zaralis., K. (2010) Review of nutrient efficiency in different breeds of farm livestock, Department for Environment, Food and Rural Affairs, UK (Project Number IF0183). <https://rb.gy/5kyr00>