



Mengjun Wu

● EDUCATION AND TRAINING

01/11/2019 – 31/01/2023 Campobasso, Italy

INTERNATIONAL AND INNOVATIVE PHD CANDIDATE IN AGRICULTURE TECHNOLOGY AND BIOTECHNOLOGY University of Molise

Address Campobasso, Italy | **Field of study** Agriculture, forestry, fisheries and veterinary |

Thesis Recent advances in monogastric animals, two case studies: Transgenic modification of laying hens as animal model Multi-criteria evaluation of Nero d'Aspromonte pig

13/06/2022 – 12/08/2022 Bydgoszcz, Poland

INTERNSHIP- "ECOSET- ECOLOGY, SCIENCE, EDUCATION AND TECHNOLOGY" FUNDED BY POLISH NATIONAL AGENCY FOR ACADEMIC EXCHANGE (NAWA) UTP University of Sciences and Technology in Bydgoszcz

Address Bydgoszcz, Poland

10/03/2022 – 09/06/2022 Tirana, Albania

ERASMUS PLUS KA 107- INTERNATIONAL CREDIT MOBILITY Agricultural University of Tirana

Knowledge and skills to implement sustainable production processes in agriculture

Address Tirana, Albania

19/08/2021 – 19/11/2021 Bydgoszcz, Poland

INTERNSHIP- "ECOSET- ECOLOGY, SCIENCE, EDUCATION AND TECHNOLOGY" FUNDED BY POLISH NATIONAL AGENCY FOR ACADEMIC EXCHANGE (NAWA) UTP University of Sciences and Technology in Bydgoszcz

Analysis of the proteomic results and contribution to the manuscript 'Proteomic signatures in chicken oviduct cells after delivery of a human exogene'

Address Bydgoszcz, Poland

31/08/2016 – 19/06/2019 Wuhan, China

MASTER OF ANIMAL NUTRITION AND FEED SCIENCE Wuhan Polytechnic University

Address Wuhan, China | **Field of study** Agriculture, forestry, fisheries and veterinary |

Thesis Effects and Mechanism of Puerarin on the seven-day-old piglets after Porcine Epidemic Diarrhea Virus Challenge

25/03/2019 – 28/03/2019 Beijing, China

CERTIFICATE IN PROTEOMICS Prof. Sheng Zhang (Cornell University and Chinese Academy of Agricultural Sciences)

Address Beijing, China

31/08/2012 – 29/06/2016 Wuhan, China

BACHELOR OF AGRICULTURE Wuhan Polytechnic University

Address Wuhan, China | **Field of study** Agriculture, forestry, fisheries and veterinary |

Thesis Screening of TP53M214K and NrasQ61K transgenic zebrafish homozygous

● WORK EXPERIENCE

30/06/2019 – 29/10/2019 Wuhan, China

RESEARCH ASSISTANT SCHOOL OF ANIMAL SCIENCE AND NUTRITIONAL ENGINEERING, WUHAN POLYTECHNIC UNIVERSITY

Conduct proteomic experiments and generate bioinformatics reports

● LANGUAGE SKILLS

Mother tongue(s): **CHINESE**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	B2	B2	C1
ITALIAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● ADDITIONAL INFORMATION

PROJECTS

2021 – CURRENT

Sustainable poultry production chain: biocontrol measures, new dietary approaches and novel packaging strategies Ministry of Education, Universities and Research, Italy

2021 – CURRENT

Study on genetic, epigenetic, transcriptomic and proteomic mechanisms modulating sheep resistance to small ruminant lentivirus National Science Centre (NCN), Poland

2020 – CURRENT

Nero d'Aspromonte pig is a resource for the territory: genetic characterization, sustainable breeding and quality of meat and traditional products Calabria Region, Italy

PUBLICATIONS

[How to employ metabolomic analysis to research on functions of prebiotics and probiotics in poultry gut health?](#)

– 2022

Mengjun Wu, Sanling Zuo, Giuseppe Maiorano, Przemysław Kosobucki and Katarzyna Stadnicka

Frontiers in Microbiology

[Carcass and Meat Quality Traits of Medium-Growing Broiler Chickens Fed Soybean or Pea Bean and Raised under Semi-Intensive Conditions](#)

– 2022

Siria Tavaniello, Antonella Fatica, Marisa Palazzo, Sanije Zejnelhoxha, Mengjun Wu, Luigi De Marco, Elisabetta Salimei and Giuseppe Maiorano

Animals

[Performance and meat quality traits of slow-growing chickens stimulated in ovo with galactooligosaccharides and exposed to heat stress](#)

– 2022

Siria Tavaniello, Anna Slawinska, Federico Sirri, Mengjun Wu, Davide de Marzo, Maria Siwek and Giuseppe Maiorano

Poultry Science

[Soybean vs. Pea Bean in the Diet of Medium-Growing Broiler Chickens Raised under Semi-Intensive Conditions of Inner Mediterranean Areas: Growth Performance and Environmental Impact](#)

– 2022

Antonella Fatica, Francesco Fantuz, Mengjun Wu, Siria Tavaniello, Giuseppe Maiorano and Elisabetta Salimei

Animals

[Protective Effect of Zinc Oxide and Its Association with Neutrophil Degranulation in Piglets Infected with Porcine Epidemic Diarrhea Virus](#)

– 2021

Qian Zhang, Tao Wu, Siyuan Li, Yuxuan Meng, Zihan Tan, Mengjun Wu, Dan Yi, Lei Wang, Di Zhao, and Yongqing Hou

Oxidative Medicine and Cellular Longevity

[Quality and safety of meat from wild boar hunted in Molise region](#) – 2021

Marisa Palazzo, Siria Tavaniello, Valeria Petrecca, Sanije Zejnelhoxha, Mengjun Wu, Rossella Mucci & Giuseppe Maiorano

Italian Journal of Animal Science

[Puerarin enhances intestinal function in piglets infected with porcine epidemic diarrhea virus](#) – 2021

Mengjun Wu, Dan Yi, Qian Zhang, Tao Wu, Kui Yu, Meng Peng, Lei Wang, Di Zhao, Yongqing Hou & Guoyao Wu

Scientific Reports

[Effect of carcass weight on fatty acid composition and nutritional indices in meat of Nero d'Aspromonte pigs](#)

– 2021

3rd International Conference on Agriculture and Life Science

[Effect of genotype and diet on carcass and meat quality traits of broiler chickens](#) – 2021

ASPA 24th Congress Book of Abstract

[Effect of genotype and diet on growth performances of broiler chickens and environmental parameters](#)

– 2021

Book of Abstracts of the 72nd Annual Meeting of the European Federation of Animal Science

[Quantitative Proteomic Analysis Reveals Antiviral and Anti-inflammatory Effects of Puerarin in Piglets Infected With Porcine Epidemic Diarrhea Virus](#)

– 2020

Mengjun Wu, Qian Zhang, Dan Yi, Tao Wu, Hongbo Chen, Shuangshuang Guo, Siyuan Li, Changzheng Ji, Lei Wang, Di Zhao, Yongqing Hou and Guoyao Wu

Frontiers in Immunology

[Impact of N-acetylcysteine on the gut microbiota in the piglets infected with porcine epidemic diarrhoea virus](#)

– 2020

Tao Wu, Yang Lyu, Xueni Li, Mengjun Wu, Kui Yu, Siyuan Li, Changzheng Ji, Qian Zhang, Yanyan Zhang, Di Zhao, Dan Yi and Yongqing Hou

Frontiers in Veterinary Science

[Microarray analysis reveals the inhibition of intestinal expression of nutrient transporters in piglets infected with porcine epidemic diarrhea virus](#)

– 2019

Junmei Zhang, Di Zhao, Dan Yi, Mengjun Wu, Hongbo Chen, Tao Wu, Jia Zhou, Peng Li, Yongqing Hou & Guoyao Wu

CONFERENCES AND SEMINARS

12/09/2022 – 14/09/2022 – Bydgoszcz, Poland
EcoSET Closing Conference

09/05/2022 – 12/05/2022 – Campobasso, Italy
International Phd Student Conference: Research and Innovation in Agricultural, Livestock and Food sciences

20/09/2021 – 23/09/2021 – Padova, Italy
24th Congress of the Animal Science and production Association

01/09/2021 – 03/09/2021 – Tirana, Albania
3rd International Conference on Agriculture and Life Sciences

29/08/2021 – 02/09/2021 – Davos, Switzerland
72nd Annual Meeting of the European Federation of Animal Science

04/08/2019 – 05/08/2019 – Wuhan, China
The International Conference on Green Feeds and Animal product safety

23/10/2019 – 25/10/2019 – Chengdu, China
The 11th National Congress of the Animal Nutrition Society of China Animal Husbandry and Veterinary Society and the 13th Animal Nutrition Symposium

16/10/2018 – 18/10/2018 – Tianjin, China
The 8th National Feed Nutrition Symposium of the Animal Nutrition Society of China Animal Husbandry and Veterinary Society

20/10/2016 – 22/10/2016 – Wuhan, China
The 10th National Congress of the Animal Nutrition Society of China Animal Husbandry and Veterinary Society and the 12th Animal Nutrition Symposium

HONOURS AND AWARDS

Scholarship FRONTRUNNER F5000 Top Articles in Outstanding S&T Journals of China (2022)
International Ph.D. scholarship in Agriculture Technology and Biotechnology funded by Department of Agricultural, Environmental and Food Sciences, University of Molise (2019)
Second-Class of "Academic Scholarship for Postgraduate of Wuhan Polytechnic University" (2018)
First-Class of "Academic Scholarship for Postgraduate of Wuhan Polytechnic University" (2016)

JOB-RELATED SKILLS

Laboratory skills

Animal breeding
Meat quality
Molecular biology
Proteomics
Bioinformatics
Statistical analysis