

PERSONAL INFORMATION

Marius Zăhan

JOB POSITION

Professor at Animal Sciences and Biotechnology Faculty

WORK EXPERIENCE

2017-present

Professor

University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Animal Sciences and Biotechnology Faculty

- Teaching courses in bachelor and master education: Animal reproduction, Biotechnology of reproduction
- Research

2014-present

Content scientist

Ingenuity Systems-a Qiagen Company

- Article screening

2014-2017

Associate professor

University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Animal Sciences and Biotechnology Faculty

- Teaching courses in bachelor and master education: Animal reproduction, Biotechnology of reproduction, Embryo transfer and IVF biotechnology, Animal cell culture
- Research and university management

2005-2014

Lecturer

University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Animal Sciences and Biotechnology Faculty

- Teaching courses in bachelor and master education: Biology of reproduction and AI, Embryo transfer and IVF biotechnology, Animal cell and tissue culture
- Research

1997-2005

Assistant Professor

University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Animal Sciences and Biotechnology Faculty

- Teaching courses and seminars in bachelor education: Biology of reproduction and AI, Embryo transfer and IVF biotechnology, Animal cell and tissue culture
- Research

EDUCATION AND TRAINING

2010-2011

Postdoctoral study

National Institute of Economic Research "Costin C. Kirițescu", Romanian Academy, Bucharest

- Animal biotechnology and biodiversity

- 2001-2008
PhD
8
- Veterinary Medicine Faculty, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca
 - Veterinary Medicine

- 1997-1998
MSc
7
- Animal Sciences and Biotechnology Faculty, and University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca
 - Applied biotechnology

- 1992-1997
BSc
6
- Animal Sciences and Biotechnology Faculty, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca
 - Agricultural biotechnology

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

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

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ good communication skills gained through my experience as teacher

Organisational / managerial skills

- ARACIS (The Romanian Agency for Quality Assurance in Higher Education, Romania) Expert (from 2019)
- Social and Student Matters Vice-dean, Animal Sciences and Biotechnology, USAMV Cluj-Napoca (2016-2018)
- Academic Vice-dean, Animal Sciences and Biotechnology, USAMV Cluj-Napoca (2015-2016; from 2024)
- Coordinator “Biotechnology Research Centre”, Institute of Live Sciences “Regele Mihai I al Romania”, (from 2017)
- Quality Manager (2007-2012) and Lab Coordinator (2012-2017) – Laboratory for certify and cryopreservation of animal germplasm
- Membership in USAMV Cluj-Napoca Senate (2012-2015)
- Membership in Animal Sciences and Biotechnology Faculty Council of USAMV Cluj-Napoca (2008-2011, 2016-until now)
- Membership in Academic Council of USAMV Cluj-Napoca (2015-2016)
- Membership in Academic Committee of Senate (2012-2014)
- Membership in Social and Student Matters Council (2016-2018)
- Membership in Bioethics Committee of USAMV Cluj-Napoca (from 2013)
- Membership in Bachelor and Masters in Biotechnology Committee (from 2003)

Digital skills

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

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Driving licence B

ADDITIONAL INFORMATION

- Publications
 - Presentations
 - Conferences
 - Seminars
- 11 books / chapter books
 - 36 ISI Thomson Reuters index research papers
 - 11 meeting abstract in ISI Thomson Reuters index journals
 - 88 BDI indexes research papers
 - 13 meeting abstract in BDI indexes journals
 - 99 coordinated diploma project
 - 53 coordinated dissertation project
 - 49 student scientific works at Student Scientific Sessions
 - H-index: Clarivate 10, Scopus 10, Google Academic 13
 - reviewer on ISI Thomson Reuters and BDI index journals
- Short list of articles
 1. Zăhan M., I. Miclea, Al. Nagy, L. Copolovici, 2019, Comparison between Mangalitsa and Mangalitsa x Duroc hybrids meat quality. *Porcine Research*, 2019, 9 (1): 21-25
 2. Zăhan M., I. Miclea, A.J. Peneş, 2018, Assessment of *in vitro* boar semen quality. *Porcine Research*, 8 (1), 24-28
 3. Varo-Ghiuru F., I. Miclea, A. Hettig, I. Ladoşi, V. Miclea, I. Egerszegi, M. Zăhan*, 2015, Lutein, Trolox, ascorbic acid and combination of Trolox with ascorbic acid can improve boar semen quality during cryopreservation. *CryoLetters*, 36 (1), 1-7
 4. Zăhan M., A. Hettig, I. Miclea, D. Orlovski, V. Miclea, 2013, Vitrification of immature and in vitro matured swine oocytes by SOPS. *Reproduction in Domestic Animals*, 48, Suppl. 1, 105
 5. Zăhan M., F. Varo-Ghiuru, A. Hettig, I. Miclea, V. Mireşan, I. Roman, V. Miclea, 2012, Improving quality of frozen-thawed Mangalitsa boar semen using different antioxidants supplementation. *Reproduction in Domestic Animals*, 47, Suppl. 5, 115
 6. Zăhan M., V. Miclea, A. Hattig, I. Miclea, P. Raica, I. Roman, 2010, The use of molecular and biochemical markers in Mangalitsa breed characterization. *Bulletin UASVM Animal Science and Biotechnology*, 67 (1-2), 452-455
- Memberships
 - EBTNA (European Biotechnology Thematic Network Association)
 - DAGENE (International Association for the Conservation of Animal Breeds in the Danubian Region)
 - ESDAR (European Society for Domestic Animal Reproduction)
 - SRBBM (Romanian Society of Biochemistry and Molecular Biology)
- Certifications
 - Qualification System Specialist – ANC (2025)
 - Project Manager - CRFEAA Cluj-Napoca (2009)
 - Intern Auditor - Program FALI, RENAR (2006)
 - "Young Scientist Exchange Program" at Iowa State University, project founded by The World Bank and the United States Department of Agriculture Foreign Agriculture Service/International Cooperation and Development (2003)
 - "Sheep and goat production training program", Debrecen Agricultural University and ACDI/VOCA, Hungary (1998)
 - Summer School "Master course in genetic plant manipulation", UBB, USAMV Cluj-Napoca and Nottingham University (1996 and 1997)

Research

Project/grant manager

- ADER 7.3.2./2023, "Obtaining of some Bazna and Mangalitsa lines in order to the conservation of pig breeds from the national heritage"
- ADER 8.2.4./2019, „Evaluation of morpho-productive and reproductive indices in Mangalitsa and Bazna pig population, in order to genetic preservation and improvement of their structure"
- ADER 5.1.6./2015, „Research on the complementarity of the Bazna and Mangalitsa breeds with other pig breeds"
- Project PN III – P2 Bridge Grant 16/2016, „ The development capacity of the bulls and boars semen quality in order to improve the selection process of breeders"
- Project PN II - Partnerships 51-081/2007, "Biotechnologies methods for certification and preservation of the genetic potential of Mangalitsa breed"
- Grant At, CNCSIS, 33460/2002, "Optimized biotechnologies for *in vitro* pig embryo production "

Project/grant membership

- Project CEEX M4, 165/2006; PN-III-P1-1.2-PCCDI; PN-II-PT-PCCA- 2013-4-1717; ADER 1.1.5./2011; Project PN II - Idei 1081/2009; Project PN II – Parteneriate 52-105/2008; Project PN II - Parteneriate 52-131/2008; Project PN II – Parteneriate 61-049/2007; Project CEEX M1, 2246/2006; Project MEC-CNCSIS, 29/2006; Project CEEX M1, 45/2005; Grant A, CNCSIS, 792/2005; Grant A, CNCSIS, 33460/2002; Grant A, CNCSIS, 1058/2000; Grant A, CNCSIS, 33533/1999; Grant A, CNCSIS, 33533/1999; Grant A, CNCSU, 18/1998