

PERSONAL INFORMATION



Roxana Nicoleta RAȚU

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Sex Female | Date of birth - | Nationality Romania

WORK EXPERIENCE

September 2020
- present

Lecturer, position IV/8

Iasi University of Life Science, Faculty of Agricultural

Carrying out didactic and research activity within the disciplines:

"Milk and Milk Products Technology"

"Control and expertise of milk and milk products"

"Food technology of animal origin"

"General biotechnology"

"Packaging, labelling and design in the food industry"

September 2015 –
September 2020

University assistant, indefinite period, position V / 32

"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, Faculty of Animal Husbandry

Carrying out didactic and research activity within the disciplines:

"Milk and Milk Products Technology"

"Control and expertise of milk and milk products"

"Enzymatic and immunological analyses in the food industry "

"Packaging and design"

October 2015
– Present

Responsive of Milk Quality Laboratory - Center for Quantitative and Qualitative Monitoring of Cattle Productions, Rediu Zotehnic Farm

"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, Faculty of Animal Husbandry

Quantitative and qualitative monitoring of milk and milk products. Carrying out qualitative analyses on raw milk as well as on milk products

June 2015
– Present

Judicial technical expert

Ministry of Justice

Legal activities "CAEN Code - 6910"

Judicial and extrajudicial technical expertise in the field of food and refrigeration industry; Animal husbandry.

September 2015
– June 2015

Associate University Assistant

"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, Faculty of Animal Husbandry

Carrying out didactic and research activity within the disciplines:

"Milk and Milk Products Technology"

"Control and expertise of milk and milk products"

"Egg quality control and expertise"

"Food quality control"

April 2013
– April 2014

Quality Manager

SC HORECA EXPAND S.R.L., Iasi (Food warehouse).

Carrying out activities related to food safety and quality

September 2008
– September 2009

Farm manager

SC CONDOR S.A. Matca (Farm for raising laying hens)

Carrying out managerial activities and ensuring the quality plan for the production of eggs for consumption

EDUCATION AND TRAINING

October 2011
– February 2019

Master's Degree Specialization: Animal Production Management

ISCDE 6

"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, Faculty of Animal Husbandry

Poultry production management / Pig production management / Cattle production management / Sheep and goat production management.

May 2014
– October 2015

Certificate of completion of Postdoctoral Studies

ISCDE 6

"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, Faculty of Animal Husbandry

Project title: "Contributions to the knowledge of the correlations between storage parameters and the evolution of quality indicators for some egg derivatives"

September 2014
– August 2015

Certificate of teaching and training Level II

"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, Faculty of Animal Husbandry

October 2009
– March 2013

PhD in Animal Sciences

ISCDE 6

"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, Faculty of Animal Husbandry

Thesis title "Research regarding the influence of preservation methods on quality of hen eggs destined for consumption"

October 2011
– February 2013

Junior researcher

Unité de Recherches Avicoles Nouzilly (INRA), Tours, France

Research and development

Performing quality physical, chemical and microbiological analyzes on eggs intended for consumption and egg products

- October 2008 – February 2010 **Master's Degree Specialization: Quality management of food products** ISCDE 6
"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, Faculty of Animal Husbandry
 Agri-food management / Food control and expertise / Quality control / Food safety management / Consumer protection / Communication and negotiation / Scientific research methodology / Food merchandise / Agri-food marketing / Quality audit
- June 2010 **Certificate - „Implementation of the Quality Management and Food Safety Systems in the Agri-Food Industry”**
"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, WINDAIR Leonardo daVinci Lifelog Learning Programme , Education and Culture DG Lifelong Learning Programme
- October 2008 – February 2010 **Certificate – “Internal auditor for food safety management systems” (ISO 22000).**
Tornado Systems Romania
 Fundamental concepts of food quality and safety, / Basic principles and concepts of food safety management (ISO 22000: 2005) and auditing (ISO 19011: 2002), / Importance of preliminary programs in the operation of HACCP, / Analysis of food hazards. Methods of risk assessment, / Establishment of prevention measures, application of decision trees for the establishment of the CCP, establishment of critical limits, monitoring systems and corrective action plans.
- October 2003 – June 2008 **Bachelor's degree - Graduate engineer. Specialization: Agri-food processing technology** I252202/
ISCED 6
"Ion Ionescu de la Brad" University of Agricultural Sciences and Veterinary Medicine from Iasi, Faculty of Agriculture
 Milk and milk products technology / Eggs and egg products technology / Meat and meat products technology / Alcohol technology / Food quality control / Food industry machinery
- September 2008 **Specialization course - “Internal auditor for food safety management systems**
TUV Rheinland România SRL
 Internal auditor
- October 2003 – June 2008 **Erasmus scholarship**
Universita degli Studi di Perugia, Italy
 The technology of obtaining cheeses / The technology of manufacturing agri-food products of vegetable origin, / The technology of obtaining meat preparations.
- October 2006 – November 2006 **Specialization course "Professional training of farmers for crop production" Implemented by the consortium led by CA 17 International in partnership with Chambre d'Agriculture de Charente-Maritime, France and Agroconsult Romania.**
 Certificate funded by the Sapard program, measure 4.1 "Improving professional training"
- September 1999 – June 2003 **High school Degree**
"Spiru Haret" Theoretical High School Tecuci

PERSONAL SKILLS

Mother tongue(s) Romania

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1/2	C1/2	C1/2	C1/2	C1/2
Italian	B1/2	B1/2	B1/2	B1/2	B1/2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Ability to adapt to different cultural environments / Determination and orientation towards results / Responsibility for work, punctuality, conscientiousness, self-control, methodical spirit / Developed team spirit, adaptability, rapid integration in the team

Job-related skills Teamwork skills / Organizational spirit

Computer skills Good command of Microsoft Office tools Word (Word™, Excel™ and PowerPoint™), statistics software, Internet, hardware knowledge

Driving licence Holder of a B + E category driving license since 2003

ADDITIONAL INFORMATION

Domains of research **Optimization of technological processes in the milk and dairy processing industry; Improving technologies in the food industry.**

Projects
Period: 2018 - 2020, POCU / 906.13 / 6.14 / 107955 SMIS code: 107955 - "Practical internships and European reference activities in the field of production of agri-food products with traditional attributes and differentiation TRADif" - as secretary
Period: 2017 - 2019, Contract 12819 / 31.07.2017 - "Research on optimizing the diet of some species of pets and fish" - membership.
Period: 2017 - 2019, Contract 20174 / 28.11.2017 - "Study on laying hens and optimizing their production" - membership

Publications Laboratory guide: "Practical applications in the dairy industry" authors: Roxana Nicoleta RAȚU and Marius Giorgi USTUROI

68 scientific papers of which, as first author:

- ISI indexed journals (full text) - 9;
- ISI indexed journals (abstract) - 2;
- BDI indexed journals - 19;
- national / international magazines and congresses - 1.

Professional affiliations

- Romanian Society of Animal Sciences (2010 – present)
- World's Poultry Science Association Romania (2010 – present).
- Romanian Food Industry Specialists Association (2019 - present)

Publishing commissions

Associate editors la Revista Brasileira de Zootecnia (from 2014)
Associate editors la International Journal of Mediterranean Agricultural Research (from 2018)

Awards

Award of the section Valorisation of animal productions - International Scientific Symposium, 2015
"Agricola Cardaș" Award - International Scientific Symposium, 2014
Young Researchers Section Award - International Scientific Symposium, 2012