



RÎMBU CRISTINA MIHAELA

Senior Researcher III

Department XI Public Health

Faculty of Veterinary Medicine

Scientific research activity, technological development, design, consultancy and scientific and technical expertise within the disciplines, departments, research centers or laboratories of the IULS, interdisciplinary collaboration (general medicine, pharmacy, biology, chemistry, agriculture).

Contact Details



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Aleea Mihail Sadoveanu nr. 8,
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23-Mar-1973

Areas of expertise

- Veterinary microbiology
- Food microbiology
- Infectious diseases of animals
- Biotechnology in Veterinary Medicine

Competences

- Microbial isolation and identification
- Antibioresistance
- Identification of food pathogens
- Antimicrobial biomaterials
- Antimicrobial phytochemicals
- Alternatives to Antibiotics

Professional experience

2021 - present **Scientist Researcher III**

Scientific research activity in the field of veterinary microbiology, new systems with antimicrobial properties, biotechnologies in applied microbiology.

2014 - 2021 **Scientist Researcher**

-Scientific research activity, technological development, design, consulting and scientific expertise.
- Didactic activity – Microbiology, Food Microbiology, Animal Pathology and sanitary-veterinary techniques.-
-Veterinary medical laboratory activity (microbiological diagnosis).

2009 - 2014 **Assistant professor**

-Disciplines: "Microbiology" (FMV); "Food Microbiology" (Faculty of Animal Science, specialization "Control and expertise of food products").
-Research activity in Microbiology-Immunology;
-Microbiological diagnosis.

Education

2006 - 2010 **PhD, Veterinary Medicine domain**

Microbiology and Immunology specialisation.
University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iasi

2006 - 2008 **Master Degree**

Master's university studies, "Laboratory Diagnosis" specialization.
University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iasi

2000 - 2006 **Bachelor's degree - Veterinary Doctor**

Faculty of Veterinary Medicine
University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iasi

1986 - 1990 **Baccalaureate Degree**

"Mihail Kogălniceanu" High School, Miroslava, Iasi, veterinary profile.

Research activity

Scientific papers

- **ORCID** <https://orcid.org/0000-0003-0982-0040>
- **Google Scholar** <https://scholar.google.com/citations?user=GGaUnR4AAAAJ&hl=ro>

Research projects and grants

- 2023-2024** **Coordinator/PI**
Research contract with the economic agent No. 12360/2023- 2024-"Study on personalized microbiological diagnosis, testing the antimicrobial efficacy of common antibiotics and some innovative phago-phyto-nanocomplexes as an alternative to anti-infective treatment in animals"
- 2023-2024** **Team Member**
Contract with economic agent: no. 13966/13.09.2023 "In vitro and in vivo testing of the antimicrobial effectiveness of the Herba-TOP product Salmonella "
- 2022-2023** **Team Member**
Project with economic agents. 21727/15.12.2022. Pharmacological evaluation of therapeutic principles aproducts from the VETRO SOLUTIONS SA portfolio, containing cannabidiol, rehydration salts and the product HEPACTIV capsules, for dogs and cats.
- 2008-2011** **Team Member**
PNCDI 2 - partnerships, 62065/2008 "Complex characterization of cytostatically active extracts from Claviceps purpurea strains obtained by parasexual hybridization biotechnologies, with a view to their use in veterinary therapeutics".
- 2009-2011** **Team Member**
PNCDI 2 IDEAS ID _1129 Contract no. 1056/2009 "Development of a method for identification in naturally infected cats of coronaviruses that segregate between the canine and feline genotype".

Internships and scholarships

- 2019** ADV Romania and financed by the Operational Program European Social Fund Human Capital 2014-2020Project Manager Course, Project Manager Graduate Certificate
- 2014** Bayer CVBD - Continuing education course (online) Zoonotic Vector-Borne Diseases
- 2009** University of Liverpool, Faculty of Veterinary Medicine, UK - Microbiology and Immunology Course within Research Mobility.
- 2009-2010** University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iasi. Level II postgraduate courses (university) of the Teaching Staff Training Department.
- 2008-2009** University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iasi. Level I postgraduate courses (pre-university) of the Teaching Staff Training Department.

Scientific and professional organizations

- General Association of Veterinarians in Romania - AGMVR
- PRO-MED-VITA Association
- Romanian Society of Microbiology - SRM
- Romanian Society of Cell Biology -SRBC
- Association pour l'Étude de l'Épidémiologie des Maladies Animales -AEEMA