



# Năstasă Valentin

Professor

Department IX Preclinics

Faculty of Veterinary Medicine

Professor of Pharmacology at "Ion Ionescu de la Brad" University of Life Science of Iași (Romania), member of the Laboratory of Antimicrobial Chemotherapy and Head of the Experimental Biobase. Professional and scientific activity includes: books and chapters in other books (17); papers published in scientific journals (over 150/43 ISI articles); papers published in the conference proceedings (32 international); patents (2); research projects: (22/8 as project leader). Total citations number: 569; h-index = 13. Peer reviewer for many international scientific journals (i.e. Veterinary Science, Animals, Polymers, Biomolecules, Molecules, Pharmaceuticals, Microorganisms).

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14-Nov-1967

## Areas of expertise

- Pharmacology
- Anesthesiology
- Experimental medicine
- Toxicology
- Antimicrobial Resistance

## Competences

- Biocompatibility studies
- Biological applications of Cold Plasma Activated Water
- Experimental protocols for anticancer compounds
- Studies on novel molecules with controlled release
- Testing of substances with a therapeutic role
- Studies on antimicrobial resistance

## Professional experience

**2023 - present**      **Professor**

Iasi University of Life Sciences

Course coordinator in Pharmacology and Anesthesiology (Romanian and English)

**2005 - 2023**      **Associate professor**

Iasi University of Life Sciences

Course coordinator in Pharmacology and Anesthesiology (Romanian and English)

**2001 - 2005**      **Lecturer**

Iasi University of Life Sciences

Subject: Pharmacology

**1996 - 2001**      **Assistant**

Iasi University of Life Sciences

Subject: Pharmacology

## Education

**2023**      **Doctor Habilitated**

Specialization: Pharmacology  
Habilitation no. 4001/20.04. 2023

**2004**      **PhD in Veterinary Medicine**

Iasi University of Life Sciences  
Specialization: Pharmacology  
Diploma no. 45/01.10. 2004

**1993**      **Veterinary Doctor (DVM)**

Iasi University of Life Sciences

# Research activity

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## Scientific papers

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- **ORCID** <https://orcid.org/0000-0001-5463-6651>
- **Google Scholar** <https://scholar.google.com/citations?user=imCi0gIAAAAJ&hl=ro>

## Research projects and grants

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- 2023** **Coordinator/PI**
  - Contract no. 15767/04.10.2023, „Xenograft study of anticancer activity of two cooper (II) complexes in athymic mice model with human breast cancer cells MDA-MB-231-Luc”
- 2022 - 2024** **Coordinator/PI**
  - Project: PN-III-P2-2.1-PED-2021-3003/2022-2024. „Bio-inspired 3D hybrid architectures for deep skin repair and regeneration.”
- 2023** **Coordinator/PI**
  - Contract no. 15766/04.10.2023, „Restore HER2 dependent sensibility using AXL inhibitors packed in pH dependent nanostructures”
- 2019** **Coordinator/PI**
  - Contract no. 6447/25.04.2019. „Characterization of the molecular mechanisms of action of hyperimmune egg and immunoglobulin Y”
- 2004 - 2007** **Coordinator/PI**
  - Contract no. 27671, CNCSIS Code 689, 2004 – 2007. „The influence of injectable general anesthesia on hemodynamic function and acid-base balance variables in dogs.”

## Internships and scholarships

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- 2023** „Updates and advances in anesthesia and analgesia of laboratory animals” Sorbonne Université and IULS (Iasi University of Life Sciences)
- 2023** „The 2nd training school- Cold plasmas to fight microorganism, viruses & Toxins for medical and agricultural applications” University of Bari Aldo Moro and Institute of Nanotechnology, Italy
- 2021** „The 1st training school-plasma application for smart and sustainable agriculture (PIAgri)” Comenius University, Faculty of mathematics, Physics and Informatics
- 2009** „Medical Mycology from Basic Science to Clinical Needs” Austrian Society of Medical Mycology
- 2007** „Parasitologi fur biomedicinska analytiker” Faculty of Veterinary Medicine, Uppsala, Suedia

## Scientific and professional organizations

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- European Society of Clinical Microbiology and Infectious Diseases (ESCMID)
- International Society for Human and Animal Mycology (ISHAM)
- Romanian Society of Micology and Mycotoxicology (SRMM)
- General Association of Veterinarians of Romania (AGMVR)
- Association for the Protection of the Environment and the Promotion of the Quality of Life (ProMedVita)