



Pașca Aurelian-Sorin

Professor

Department XI Public Health

Faculty of Veterinary Medicine

My research fields are:

- (1) Histopathological evaluation of the regenerative effect of some biomaterials on tissues; -design of new biomaterials and their in vivo testing;
- (2) Biomedical applications of cold plasma discharges on tissues;
- (3) Tissue toxicity induced by xenobiotics.

Professional experience

2023 - prezent **Vice Dean/Professor**

Iași University of Life Sciences
Veterinary Pathology
Teaching, diagnosis and research activities

2016 - 2013 **Vice Dean/Associate Professor**

Iași University of Life Sciences
Veterinary Pathology, Veterinary Oncology
Teaching, diagnosis and research activities

2013 - 2016 **Lecturer**

Iași University of Life Sciences
Veterinary Pathology, Veterinary Oncology
Teaching, diagnosis and research activities

2003 - 2013 **Assistant Professor**

Iași University of Life Sciences
Veterinary Pathology, Veterinary Oncology, The History of Veterinary Medicine
Teaching, diagnosis and research activities

Education

2022 **Certificate of Habilitation No. 4002/20.04.2023**

Iași University of Life Sciences
PhD Coordinator in Veterinary Medicine

2002 - 2008 **PhD Diploma Serial F No. 0002110**

Iași University of Life Sciences
Veterinary Medicine, Specialization: Normal and Pathological Morphology

2000 - 2001 **Master Diploma No. 0005161/26.03.2002**

Iași University of Life Sciences
Food Safety and Laboratory Diagnosis

1994 - 2000 **Bachelor Diploma No. 0057005/02.02.2001**

Iași University of Life Sciences
Veterinary Doctor

Contact Details



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Aleea Mihail Sadoveanu nr. 8,
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30-Sept.-1975

Areas of expertise

- Pathology
- Oncology
- Regenerative Medicine
- Forensic

Competences

- Immunohistochemistry
- Cytology
- High resolution Microscopy
- Bone Tissue Regeneration
- Tisular Toxicity

Research activity

Scientific papers

- **ORCID** <https://orcid.org/0000-0002-9519-8122>
- **Google Scholar** <https://scholar.google.com/citations?user=5vYWY38AAAAJ&hl=ro&oi=ao>

Research projects and grants

- 2007 - 2008** **Coordinator/PI**
Contributions to the morphopathological study of nephropathies in the dog, CNCSIS - TD, 8690 euro
- 2010 - 2013** **Coordinator/PI**
Etio-morphopathology of immune glomerulonephritis in dogs, CNCSIS RU-TE, 177958 euro
- 2018 - 2021** **Team Member**
“MedicalMetMat - obtaining and expertise of new biocompatible materials for medical applications”, UEFISCDI PN-III-P1-1.2-PCCDI-2017-0239, 38709 euro
- 2018 - 2021** **Team Member**
“Building translational research capacity: vaccine development from concept to preclinical evaluation – CONVAC”, UEFISCDI PN-III-P1-1.2-PCCDI-2017-0529 / 62PCCDI/2018 , 171997 euro
- 2020 - 2021** **Team Member**
“Advanced 3D intelligent magnetic scaffolds for bone tissue engineering and regeneration”, UEFISCDI PN III Nr. 562PED/2020, 19772 euro

Internships and scholarships

- 2016** Medist Lifescience Bucharest / Leica Microsystems Bucharest
Theoretical and practical training in high-resolution microscopy
- 2016** Leica Microsystems, Germany
Theoretical and practical training in high-resolution microscopy
- 2016** IULS Iași/ARSAL
The Management of Animal facilities
- 2012** “Pierre et Marie Curie” University and National Institute for Health and Medical Research (INSERM), Paris
Laboratory Animal Experimentation - level I
- 2004** Maison Alfort Veterinary School, Paris, Franța
Immunohistochemistry, Histopathology, Forensic

Scientific and professional organizations

- The European Society of Veterinary Pathology (ESVP)
- The General Association of Veterinary Doctors from Romania - AGMVR
- The Romanian Association of Wildlife Animals Pathology - ARPAS
- The Romanian Association of Experimental Medicine - SRME
- The College of Veterinary Doctors from Romania - CMVRo