

## PERSONAL INFORMATION

**LĂCĂTUȘ RADU**

Sex Male | Date of birth 24 September 1970 | Nationality Romanian

## EDUCATION AND TRAINING

01 October 1991–15 July 1997

**Bachelor in Veterinary Medicine**

Faculty of Veterinary Medicine Cluj Napoca, Cluj Napoca (Romania)

01 October 2000–01 October 2007

**PhD in Veterinary Medicine**

University of Agricultural Sciences and Veterinary Medicine-Faculty of Veterinary Medicine, Cluj Napoca (Romania)

Radiology and Radioprotection

## WORK EXPERIENCE

December 1997–01 October 2003

**Consultant Physician at the Department of Pathology and Surgical Clinic**

Faculty of Veterinary Medicine Cluj Napoca, Cluj Napoca (Romania)

Supporting practical work with students

Consultation and therapy in animals presented in the clinic

01 October 2003–01 October 2006

**Assistant**

Faculty of Veterinary Medicine - Department of Semiology, Ethology and Medical Imaging, Department of Radiology and Radiation Safety, Cluj Napoca (Romania)

Support for practical laboratory in radiology, semiology,

Support for optional course in Radiology and Radiation Safety

Developing and supporting scientific articles,

Member in research grants.

01.10.2006–01.10.2016

**Lecturer**

Faculty of Veterinary Medicine - Department of Semiology, Ethology and Medical Imaging, Department of Radiology and Radiation Safety, Cluj Napoca (Romania)

Conducting of license and dissertation work,

Support courses and practical works in Radiology and Radiation Safety,

Support of practical laboratory in semiology.

Developing and supporting scientific articles, Responsible for research projects.

01.10.2016 – 01.02.2021

**Associate Professor**

Faculty of Veterinary Medicine - Department of Semiology, Ethology and Medical Imaging, Department of Radiology and Radiation Safety, Cluj Napoca (Romania)

Conducting of license and dissertation work,

Support courses and practical works in Radiology and Radiation Safety,  
 Support of practical laboratory in semiology.  
 Developing and supporting scientific articles, Responsible for research projects.

February 2021-present

**Professor**

Faculty of Veterinary Medicine - Department of Semiology, Ethology and Medical Imaging,  
 Department of Radiology and Radiation Safety, Cluj Napoca (Romania)

**PERSONAL SKILLS**

**Mother tongue(s)** Romanian

**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
French	B2	B2	B2	B2	B2
French Language certificate nr. 339/15.01.2014					

[Related document\(s\):](#)

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

**ADDITIONAL INFORMATION**

- Projects**
- 2004 - 2005 - Member in - Contract CNCISIS Tip AT - Cod 100 Tema: „Testarea compatibilității unor materiale sintetice și naturale ca heterogrefe ligamentare la câine“, 100 mil. lei.
  - 2004 - 2006 - Member in - Contract CNCISIS Tip A - cod. 738 „Investigații, cercetări și observații în metode moderne de osteosinteze” 150 mil.lei
  - 2007-2009 - Member in - PNCD II 106 CP-1/14.09.2007 Development of the research and expertise capacity of the legal veterinary medicine laboratory through technical and methodological modernization, laboratory accreditation- MELVET
  - 2007-2010 - Responsable Project - Program 4 partnerships in the priority domains ANGIOCART, Projectnr 41002An experimental model of detection of cutaneous perforating vessels and the establishment of an algorithm of clinical applicability in the surgery of cutaneous flaps. Buget 2.000.000 lei
  - 2007-2010 - Member in - CNCISIS Contract PN-II-Ideas CNCISIS 847 Code Subject: Non ionic contrast substance use in dog radiological diagnosis. Buget 900.000 lei
  - 2008-2011 - Member in - Program 4 partnerships in the priority domains SERTIR Projectnr. 32149Subject: Experimental and clinical studies on Radon in the counties in the center of Transylvania ad its impact on the morphophysiology of the respiratory apparatus in humans and animals. Buget:2.000.000 RON (32.000 RON - cofinantare)
  - 2017-2020 – Internal grant project – Project Director - The impact of radiology diagnostics in animal clinical research

**Honours and awards**

2010 - “Ion Adameșteanu” award of Academiei de Științe Agricole și Silvici, Veterinary Medicine Section for the book "Semiologie, Imagistica medicala și Laborator clinic veterinar", autori: Papuc. I. (coord.), R. Lăcătuș, F. Gh. Stan, Monica Covaciu Timen, R. C. Purdoiu, Ed. Accent, Cluj-Napoca, ISBN 978-973-8915-88-6, 2009

**Specialization** 1999 - Psychological and Pedagogical Module. Department of Teacher Training USAMV Cluj-

Napoca

2003 - Course "Applications of Radioisotopes and Nuclear Radiation Sources" level 2, Radiodiagnostics specialization

2004 - Level II permit course CNCAN București.

2006 – Post-Universitaire course in Radiation Safety UMF Cluj-Napoca

2006 – Post-Universitaire course in Radiation Safety TEMCO Cluj-Napoca

2011 - Post-Universitaire course in Radiation Safety TEMCO Cluj-Napoca

2013 - Post-Universitaire course in Computer Tomography – UMF Cluj

#### Memberships

Member in General Association of Romanian Veterinarians

Member in College of Veterinarians in Romania

Member in World Veterinary Association (WVA)

Member in Federation of Veterinarians of Europe (FVE)

Member in Balkan and Black See Countries Veterinary Association (BaBSeVA)

Member in Imaging Diagnostic Veterinary Medical Association in Romania

Member in Society of Radiology and Medical Imaging

Founding Member of “Romanian Veterinary Society of Neurology, Neurosurgery and Behavioural Medicine”

#### The most representative publications

**Lăcătuș Radu**, Robert Cristian Purdoiu, Liviu Bogdan, Sidonia Bogdan, Ramona Jurcău, Ionel Papuc, 2013, Biochemical And Hematologic Changes Related To Administration Of Double Doses Of Non-Ionic Contrast Medium Iomeron 350 (Iomeprol) In Cats Journal of Food, Agriculture & Environment, Print ISSN:1459-0255 Online ISSN:1459-0263, FI 0.435

**Lăcătuș Radu**, Ardelean Filip, Matei Ileana, Purdoiu Robert Cristian, Chiroiu Bogdan, Oroian Elvira, Papuc Ionel, Georgescu Alexandru, 2014, The Use of Doppler/Power Doppler Ultrasound and Angiography for the Evaluation of Cutaneous Perforators in the Thigh and Lumbar-Sacral Region in Pigs; Journal of Reconstructive Microsurgery; New York; ISSN: 0743-684X; DOI: 10.1055/s-0034-1374017, S01 30 - A115, FI 1.006

Matei Ileana, Alexandru Georgescu, **Radu Lacatus**, Manolis Daskalakis, 2014, Thoracic Propeller Perforator Flaps for Covering Soft Tissue Defects, Journal of Reconstructive Microsurgery; New York; ISSN: 0743-684X; DOI: 10.1055/s-0034-1374004, S01 30 - A102, FI 1.006

Maximilian Vlad Muntean, Stefan Strilciuc, Filip Ardelean, Cosmin Pestean, **Radu Lacatus**, Alexandru Florin Badea, Alexandru Georgescu, 2015, Using dynamic infrared thermography to optimize color Doppler ultrasound mapping of cutaneous perforators, Medical Ultrasonography, Vol.17, no. 4, 503-508, Cluj Napoca, ISSN (print) 1844-4172, ISSN (on line) 2066-8643, FI 1.108

Adela Cristina Lazar, **Radu Lacatus**, Robert Purdoiu, Lucia Bel, Orsolya Sarpataki, Ionel Papuc, Mariana Pacurar, Radu Septimiu Campian, 2017, Implications of Creatinine and ALP in the Induction of Osteoporosis by Ovariectomy in Female Wistar Rats, REV.CHIM., Bucharest, Romania, ISSN: 0034-7752 Nr.68, Vol. 8, FI 1.232

Musteata, Mihai, Borce Denis Gabrieldd, Stefanescu Raluca, Solcan Gheorghe, **Lacatus Radu**, 2018, Influence of Stainless Needle Electrodes and Silver Disk Electrodes over the

Interhemispheric Cerebral Coherence Value in Vigil Dogs, SENSORS, Basel, Elvetia, ISSN: 1424-8220, FI 2.475

Fodor Pal, Solyon Arpad, Fodor Raluca, Catoi Cornel, Tabaran Flaviu, **Lacatus Radu**, Trambitas Cristian, Bataga Tiberiu, 2018, Role of the Biomimetic Scaffolds in the Regeneration of Articular Tissue in Deep Osteochondral Defects in a Rabbit Model, Revista de chimie, Bucuresti, Romania, ISSN: 0034-7752, FI 1.412

Lazar Adela Cristina, **Lacatus Radu**, Pacurar Mariana, Campian Radu Septimiu, 2018, Studies Results Regarding Bisphosphonate Therapy in Dental Medicine, Revista de chimie, Bucuresti, Romania, ISSN: 0034-7752, FI 1.412

Fodor Pal, Fodor Raluca, Solyom Arpad, Catoi Cornel, Tabaran Flaviu, **Lacatus Radu**, Trambitas Cristian, Cordos Bogdan, Bataga Tiberiu, 2018, Autologous Matrix-Induced Chondrogenesis vs Microfracture with PRP for Chondral Lesions of the Knee in a Rabbit Model, Revista de chimie, Bucuresti, Romania, ISSN: 0034-7752, FI 1.412

Musteață M., Mocanu D., Sindilar E., Mareș M., Moraru R.F., Păcurar R.N., Pavel G., Solcan G., Purdoiu R.C., **Lăcătuș R.**, 2019. Severe Case of Methicillin-resistant Staphylococcus aureus Discospondylitis in a Doberman. Revista de Chimie, Volume: 70, Issue: 5, Pages: 1856-1858, ISSN: 0034-7752, WOS:000470086400072 FI 1.412

Rodica Ungur, Roxana Buzatu, **Radu Lacatus**, Robert Cristian Purdoiu, Georgiana Petrut, Razvan Codea, Orsolya Sarpataky, Alexandra Biris, Cristian Popovici, Mircea Mircean, Delia Bunea Jivanescu, Cosmin Pestean, Liviu Oana, 2019. Evaluation of the Nephroprotective Effect of Sambucus Nigra Total Extract in a Rat Experimental Model of Gentamicine Nephrotoxicity, Revista de chimie, vol. 70, nr. 6, București FI 1.412

Stanciu, Mariana D., Mircea Mihălcică, Florin Dinulică, Alina M. Nauncef, Robert Purdoiu, **Radu Lăcătuș**, and Ghiorghe V. Gliga 2021. "X-ray Imaging and Computed Tomography for the Identification of Geometry and Construction Elements in the Structure of Old Violins" *Materials* 14, no. 20: 5926. FI 3.623