



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Ioan Liviu MITREA**

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Nationality **Romanian**

Date of birth **04.11.1961**

Academic degree Professor

**Other degrees PhD-coordinator (since 2008)
PhD in Medical Sciences (Veterinary Medicine)**

Professional degree Veterinary primary doctor

Orcid -ID <https://orcid.org/0000-0002-0567-9441>

Scopus-ID <https://scopus/authorid/36143260200>

Web of Science [AAL-3106-2021](#)

Researcher-ID

Work experience

Employer / Occupational field **Faculty of Veterinary Medicine of Bucharest - University of Agronomical Sciences and Veterinary Medicine, Bucharest / education- higher education and advanced research**

Dates **2017 - present; 2012 - 2014**

Occupation or position held **Director of the Doctoral School in Veterinary Medicine**

Main activities and responsibilities **Coordinating the doctoral school activities (advanced studies and research programs); academic representing**

Name and address of employer **U.Ş.A.M.V. of Bucharest, Bd. Marasti, 59, sector 1, Bucharest**

Type of business or sector **Advanced scientific research and managerial activities**

Dates **2014 - 2016**

Occupation or position held **Vice-Dean of Faculty of Veterinary Medicine of Bucharest**

Main activities and responsibilities **student issues, national and international relationships, and issues related to the management and development of patrimony**

Name and address of employer U.Ş A.M.V. of Bucharest, Bd. Marasti, 59, sector 1, Bucharest

Type of business or sector Managerial activities

Dates 2005 – present: *Full Professor*
2008 - PhD-coordinator

Occupation or position held *Professor*

Main activities and responsibilities The head of Dep. of Parasitology and Parasitic Diseases, coordinator of PhD students
Course and Practical works in Parasitology and Parasitic diseases
Teaching, Parasitological diagnosis, Research, Coordinating students and PhD students

Name and address of employer Faculty of Veterinary Medicine of Bucharest - University of Agronomical Sciences and Veterinary Medicine - Bucharest . Splaiul Independentei 105, sector 5, postal code 050097

Type of business or sector Education and Research

Dates 2000-2005

Occupation or position held *Associate Professor*

Main activities and responsibilities Disciplines: Parasitology, Animal Parasitic Diseases and Clinic, Clinic Specialization, Ecology, Animal Biology
Courses and practical works in Parasitology & Animal Parasitic Diseases, Ecology, Animal Biology

Name and address of employer Faculty of Veterinary Medicine of Bucharest - University of Agronomical Sciences and Veterinary Medicine, Bucharest . Splaiul Independentei 105, sector 5, cod postal 050097

Type of business or sector Education and Research

Dates 1992-2000

Occupation or position held *Lecturer*

Main activities and responsibilities Disciplines: Ecology, Clinic Specialization, Parasitology, Animal Parasitic Diseases and Clinic
Courses and practical works in Ecology, Animal Parasitic Diseases and Clinic

Name and address of employer Faculty of Veterinary Medicine of Bucharest - University of Agronomical Sciences and Veterinary Medicine, Bucharest . Splaiul Independentei 105, sector 5, cod postal 050097

Type of business or sector Education and Research

Dates 1990-1992

Occupation or position held *professor's assistant*

Main activities and responsibilities Practical works in disciplines of Parasitic Diseases and Clinics, Ecology

Name and address of employer Faculty of Veterinary Medicine of Bucharest - University of Agronomical Sciences and Veterinary Medicine, Bucharest . Splaiul Independentei 105, sector 5, cod postal 050097

Type of business or sector Education and Research

Dates 1988-1990

Occupation or position held *Researcher*

Main activities and responsibilities	Scientific research in the Laboratory of Immunology
Name and address of employer	The National Institute of Veterinary Medicine "Pasteur" – Bucharest
Type of business or sector	Research
Dates	1986-1988
Occupation or position held	<i>Epizootologist veterinarian</i>
Main activities and responsibilities	Epidemiological surveillance of livestock and performing of the sanitary veterinary strategic program
Name and address of employer	Experimental Didactic Station Belciugatele (belong of Agronomic and Veterinary Medicine University of Bucharest)
Type of business or sector	Official state veterinarian
Education and training	
Dates	1981-1986
Title of qualification awarded	Doctor veterinarian surgeon / License diploma
Principal subjects/occupational skills covered	Fundamental disciplines: anatomy, biochemistry, animal biology, cellular biology, histology, embryology, physiology, physiopathology, pathology, microbiology, immunology, pharmacology Disciplines in Food hygiene and control Clinical disciplines: Parasitology and parasitic diseases, Infectious diseases, Surgery, Reproduction, Medical clinical pathology
Name and type of organisation providing education and training	Faculty of Veterinary Medicine Bucharest - University of Agronomical Sciences and Veterinary Medicine, Bucharest
Dates	1999
Title of qualification awarded	PhD - Doctor in Medical Sciences, domain Veterinary Medicine
Principal subjects/occupational skills covered	Parasitology and Parasitic diseases Research
Name and type of organisation providing education and training	Faculty of Veterinary Medicine Bucharest - University of Agronomical Sciences and Veterinary Medicine, Bucharest
Dates	1996
Title of qualification awarded	Primary veterinarian doctor
Principal subjects/occupational skills covered	Animal health and reproduction
Name and type of organisation providing education and training	Faculty of Veterinary Medicine Bucharest - University of Agronomical Sciences and Veterinary Medicine, Bucharest

- Trainings and fellowships:**
- **University of Kentucky**, Department of Veterinary Sciences, Lexington, Kentucky, the USA, (01.09-13.09.2007) - visit, topic: equine parasites: molecular and classical methods for diagnosis
 - Tempus program: **University of Lancashire** (United Kingdom - England) – 3 months, 1995: Training in university education, as a receipt of bourse in the European Program High Education – *Tempus*
 - Tempus program: **Ecole Nationale Veterinaire Maison d'Alfort** (France) – 2 months, 1995: Training in university education, in the field of veterinary parasitology, as a receipt a bourse in the European Program High Education – *Tempus*
 - Tempus program: **Faculty of Veterinary Medicine of Liège** (Belgium) – 1 month, 1995: Training in university education, in the field of veterinary parasitology, as a receipt a bourse in the European Program High Education - *Tempus*
 - Training in Immunology: **"I. Cantacuzino" and "V. Babes" Institutes** (Romania), 1988

Invited speaker International Forum in Veterinary Medicine, (EPS), Hohhot, CHINA, August 03th – 05th 2011
Lecture: *Updates on echinococcosis / hydatidosis in Romania*

Professional and administrative positions

Dates 1999 - 2000

Parliamentary expert

Commission for Agriculture, Sylviculture, Food Industry and Specific Services

Deputies Chamber in the Romanian Parliament

Dates 1997 – 1999

General Director (Sub secretary of State) (CVO)

the National Sanitary Veterinary Agency

Ministry of Agriculture and Forestry

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment
European level ()*

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1 Experienced user	C1 Experienced user	C1 Experienced user	C1 Experienced user	C1 Experienced user
French	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user	B2 Independent user

(*) Common European Framework of Reference for Languages

- Social skills and competences** - teaching, research and managerial skills and competences
- team work (I have worked in many research teams of research grants or projects)
- capacity to adapt to different cultural environments, experienced at research fellowship in the USA and Europe (France, Belgium);
- Organisational skills and competences** - experience in the team research grants
- experience in organizing of some national scientific meetings
- Technical skills and competences** - competences in using laboratory apparatus in the field of *Parasitology and Molecular biology*
- Computer skills and competences** Competent with most Microsoft Office programmes and some experience with applications on computer graphics (Adobe Illustrator™ PhotoShop™), and some Correl applications.
- Member in the editorial board / and other evaluation boards** *Scientific Works, C Series Veterinary Medicine; Romanian Journal of Veterinary Medicine. Scientia Parasitologica*
- Reviewer for ISI journals:** *Ticks and Tick-Borne Diseases; PlosOne, Parasites and Vectors ; Microorganisms; Materials Science & Engineering C; Acta Parasitologica ; Journal of Medical Microbiology; Clinical and Vaccine Immunology; Journal of Research in Medical Sciences.*
- Other skills and competences** Expert evaluator for national research grants (CNCSIS, CNMP Romania)
- Scientific papers, courses, monographs**
- Over 220 scientific papers published and/or communicated, of which:
 - 165 articles published in journals indexed in international databases (ranked as B+, B by Romania CNCSIS/UEFISCDI).
 - 19 articles *in-extenso* in ISI peer-reviewed journals, total factor impact ≈37.00
 - over 50 papers presented at International Conferences (in Canada, USA, Australia, China, Argentina, France, Bulgaria, Ungaria, Italy Irland, United Kingdom, s.a.)
 - 10 scientific monographs (4 as first author); 2 laboratory manuals
 - Scientific research:
 - **Director of 5 national research Grants** gained by national competition (Grant Partnership PN II, nr. 52-161/2008 - coordinator, Grant C.N.C.S.I.S.: tema 4, cod 1524/2005; Grant CEEEX – M3-C3-12467 ; nr. 151/2006; Grant C.N.C.S.I.S., nr. 33605/2002, tema 30, cod 701; Grant ANSTI, nr. 13029/2000 (6138/2000 – U.Ş.A.M.V.B.), tema B12;
 - **Responsible: for 2 Partnership Grants**, PN II: nr. 52-177/2008, nr. 51-004/2007.
 - **member in the research team of 7 national grants** (Grant CNCSIS Ideas, nr. 729/2007, Grant C.N.C.S.I.S.: cod 1108/2006; Grant C.N.C.S.I.S.: cod 1101/2006; Grant CEEEX – BIOTECH, nr. 28/2005; Grant C.N.C.S.I.S.: tema 8/cod 63/2002, Grant C.N.C.S.U. nR 14/1998, tema 24, cod CNCSU 168)
 - **Expert project POSDRU /86/1.2/S/63654** (European university education in veterinary medicine)

- Relevant monographs**
- *Parasitology and Parasitic Diseases*. Mitrea I.L., Ed. Ceres, Bucharest, 2011; 720 pages
 - *Dermatopathology of large animals (farm animals)* Mitrea I.L., Gheorghe Solcan. Editura Medicala Veterinara, Bucharest, 2006; 320 pages
 - *Parasitic diseases in animals.* . Mitrea I.L., Ed. Ceres, Bucharest, 2002, 655 p
 - *Enciclopedic Dictionary of Parasitology*. Dulceanu N., I.L. Mitrea, C. Terinte, Editura Academiei Române, Bucharest, 2000
 - *Dermatopathology of companion animals.* Gh. Solcan, I. L. Mitrea, Liviu Miron, Carmen Solcan, Editura "Ion Ionescu de la Brad", Iași, 2003, 399 p
 - *Animal biology.* Ionita Mariana, I.L. Mitrea. Ed. Medicala, Bucharest, 2006, 264 p
 - *Ecology.* Mitrea I.L., Mariana Ionita. Ed. Medicala Veterinara Bucharest, 2001, 195 pages

- Patents**
- Patent nr. 125078/28.01.2011, OSIM Romania, Supplement Veterinary apifitoterapeutic for prophylaxis and treatment of parasitic diseases . Co-author
- Patent RO127755-A2/30.08.2012. OSIM România. Specific biomarkers from haemolymph composition used for monitoring the health of bee colonies. Co-author

- Awards**
- Award "Ion Ionescu de la Brad" of the Romanian Academy, 2002
Award "Paul Riegler" of Academiei de Stiinta Agricole si Silvici – 2015, 2020
Award "Traian Savulescu" the Romanian Academy – 2016

- Additional information**
- Affiliation to international professional organization:**
- the American Association of Veterinary Parasitologists (AAVP)
 - the World Association for the Advancement of Veterinary Parasitology (WAAVP)
 - the Association of Romanian Parasitologists (APR)

- Other activities**
- Involvement in the development of professional program for veterinary education in order to improve the competencies in updating curriculum
- Delivering courses within the National program for continuing education and lifelong learning of veterinarians
- Design and development of the new curriculum for the license cycle, according to the European requirements in the veterinary medical higher education system.
- Participation as Expert in specialized commissions of the National Sanitary Veterinary Authority
- Member of the Management Committee of the European project COST Action: FA 1404

Driving license Driving license B,

Bucharest

Signature,

Prof. univ. Dr. Ioan Liviu MITREA

List of selective and relevant publications

- Bogdan Andreea Monica, Ionita Mariana, Ioan Liviu Mitrea 2021. Serological evidence of natural exposure to *Anaplasma phagocytophilum* infection and other tick-borne pathogens in horses, Romania. *Microorganisms* 9(2):373. [IF=4.152]; 10.3390/microorganisms9020373
- Pană D, Rădulescu A, Mitrea I.L., Ionita M., 2020. First report on clinical feline heartworm (*Dirofilana immitis*) infection in Romania. *Helminthologia*, 25;57(1):49-56. doi:10.2478/helm-2020-0009. [IF=0.731]
- Leica L, Mitrea I.L., Ionita M., 2019. Clinical occurrence of canine babesiosis in the coastal area of the Black Sea (Dobrogea) in Southeastern Romania and associated epidemiological implications. *Journal of Parasitology*, 105(4) 491-496. [IF=1,238]
- Deak G, Germitsch N.G., A.M. Ionică, A.Păstrav, C. Cazan, M.Ioniță, I.L. Mitrea, A.Mihalca 2019. The first seroepidemiological survey for *Angiostrongylus vasorum* in domestic dogs from Romania. *Parasites & Vectors*, 2019, 12:224. [IF=3,031]
- Ionita Mariana, Nicorescu IM, Pfister K, Mitrea I.L., 2018. Parasitological and molecular diagnostic of a clinical *Babesia caballi* outbreak in Southern Romania. 117 (7): 2333-2339
- Ionita Mariana, Silaghi C, Mitrea I.L., Edouard S, Parola P, Pfister K., 2016. Molecular detection of *Rickettsia conorii* and other zoonotic spotted fever group rickettsiae in ticks, Romania. *Ticks and Tick Borne Diseases*. 7(1):150-153. doi. [IF=2.718].
- Ioniță M., I.L. Mitrea, A.Ionică, S. Morariu, A. Mihalca, 2016. New cases of *Thelazia callipaeda* Haplotype 1 in dogs suggest a wider distribution in Romania. *Vector-Borne and Zoonotic Diseases*, 16(3):172-175. doi:10.1089/vbz.2015.1919. [IF=2.298].
- Nicorescu IM, Ionita Mariana, Ciupescu L, Buzatu CV, Tanasuica R, Mitrea I.L., 2015. New insights into the molecular epidemiology of *Trichinella* infection in domestic pigs, wild boars, and bears in Romania. *Veterinary Parasitology*. 212(3-4): 257-261. [IF= 2,460]
- Sommer MF, Beck R, Ionita Mariana, Stefanovska J, Vasić A, Zdravković N, Hamel D, Rehbein S, Knaus M, Mitrea I.L., Shukullari E, Kirkova Z, Rapti D, Capári B, Silaghi C., 2015. Multilocus sequence typing of canine *Giardia duodenalis* from South Eastern European countries. *Parasitology Research*, 114(6):2165-2174. [IF= 2,098]
- Iordache F, Ionita Mariana, Mitrea I.L., Fafaneata C, Pop A., 2015. Antimicrobial and antiparasitic activity of lectins. *Current Pharmaceutical Biotechnology*, 16(2):152-161. [IF=2.511].
- Buzatu M.C., Mitrea I.L., Miron L., Ioniță Mariana, 2015. Efficacy of two anthelmintic products on strongyles in horses from stud farms in Romania. *Agriculture and Agricultural Science Procedia*, 6:293–298. ISSN: 2210-7843.
- Dragoi (Nicorescu) Isabela Madalina, Ioniță Mariana, Ciupescu L., Buzatu C.V., Tanasuica R., Mitrea I.L. 2015. A mathematical model for the epidemiological analysis of *Trichinella* - infection in pigs. *Agriculture and Agricultural Science Procedia*, 6:316-323. ISSN: 2210-7843
- Costin Irina Ioana, Ioniță Mariana, Predoi G., Avram E., Laura Rinaldi, Maria Paola Maurelli, Mitrea I.L., 2015. Molecular genotypes of *Echinococcus granulosus* spread among cattle from Romania. *Journal of Biotechnology*. 208, S36. [IF= 2.871].
- Soran Marie M., Ciopasiu Roxana, Ioniță Mariana, Mitrea I.L., 2015. Investigation of endoparasite community of dogs and cats in urban areas in South-Eastern Romania: Potential risks for animal and public health. *Journal of Biotechnology*. 208, S39. [IF= 2.871].
- Constantinescu A.A., Abbas M., Kassem M., Gleizes C., Mitrea I.L., Toti F., Kessler L., 2015. Tacrolimus and sirolimus differentially promote apoptosis and premature senescence in exocrine and endocrine pancreatic cells. *Transplant International*. 28 Suppl. 1, pp 12 [IF=3.12]
- Mitrea I.L., Ionita M, Costin I.I., Predoi G., Avram E., Rinaldi L., Maurelli M.P., Cringoli G., Genchi C., 2014. Occurrence and genetic characterization of *Echinococcus granulosus* in naturally infected adult sheep and cattle in Romania. *Veterinary Parasitology*, 206: 159-166. [IF=2.545]
- Enachescu V., Ionita M., Mitrea I.L., 2014. Comparative study for the detection of antibodies to *Neospora caninum* in milk and sera in dairy cattle in southern Romania. *Acta Parasitologica*, 59(1) 5-10. [IF=1.00]
- Constantinescu A.A., Gleizes C., Alhosiin M., Yala E., Zobairi F., Leclercq A., Stoian G., Mitrea I.L., Prévost G., Toti F., Kessler L., 2014. Exocrine cell-derived microparticles in response to lipopolysaccharide promote endocrine dysfunction in cystic fibrosis. *Journal of Cystic Fibrosis*, 2014, 13(2): 219-226. [IF=3.82]
- Constantinescu A.A., Gleizes C., Leclercq A., Zobairi F., Mitrea I.L., Stoian G., Prévost G., Toti F., Kessler LP., 2013. Microparticles from monocytes and CFTR^{F508} mutated exocrine cells are deleterious for insulin secreting cells. *Journal of Thrombosis and Haemostasis*. volume 11, SI, Supplement 2, pp: 297-297. [IF=5.55]
- Mitrea I.L., Violeta Enachescu, and Mariana Ionita, 2013. *Neospora caninum* infection in dogs from Southern Romania: coproparasitological study and serological follow-up. *Journal of Parasitology* 99(2) 365-367.

- Ionita Mariana, Mitrea I.L., Kurt Pfister, Dietmar Hamel, Cornelia Silaghi, 2013. Molecular evidence for bacterial and protozoan pathogens in hard ticks from Romania. *Veterinary Parasitology*, 196(1-2) 71-76.
- Mitrea I.L., Mariana Ionita, M. Wassermann, Gh. Solcan, Th. Romig, 2012. Cystic echinococcosis in Romania: an epidemiological survey of livestock demonstrates the persistence of hyperendemicity. *Foodborne Pathogens and Disease*, 9(11):980-985. doi: 10.1089/fpd.2012.1237.
- Mitrea I.L., Enachescu V., Radulescu R., Ionita Mariana, 2012. Seroprevalence of *Neospora caninum* infection on dairy cattle in farms from southern Romania. *Journal of Parasitology*, 98(1) 69-72.
- Ionita Mariana, Mitrea I.L., Pfister K., Dietmar H., Buzatu M.C., Cornelia Silaghi, 2012. Canine babesiosis in Romania due to *Babesia canis* and *Babesia vogeli*: a molecular approach. *Parasitology Research*, 110(5):1659-1664.
- Ionita M., Howe D.K., Lyons E.T., Tolliver S.C., Kaplan R.M., Mitrea I.L., Yeargan M., 2010. Use of a reverse line blot assay to survey small strongyle (Strongylida: Cyathostominae) populations in horses before and after treatment with ivermectin. *Veterinary Parasitology*, 25;168(3-4) 332-337
- Ciopasiu Roxana, E.F. Berbec, Ionita Mariana, I.L. Mitrea, 2018. Clinical and epidemiological study on *Aelurostrongylus abstrusus* infection in cats, Romania; preliminary data. *Sciendo*, 428-431. DOI: 10.2478/Jalife-2018-0064
- Pallin Andreea Cristina, Mariana Ionita, Adrian Bota, Ioan Liviu Mitrea, 2017. Coprological investigation on endoparasite community in water buffaloes (*Bubalus bubalis*), from center Romania. the 'European Biotechnology Congress 2017', Dubrovnik, Croatia. *Journal of Biotechnology* [I.F.=2.667], 256 S49. <https://doi.org/10.1016/j.jbiotec.2017.05.966>
- Dumitru A.S., Chioveanu G., Dobre G., Ionita M., Mitrea I.L. 2020. Evolution of nosemosis in the apiary: influence of the season and bee technologies. *AgroLife Scientific Journal*, 9(1) 121-126. [ISSN 2285-5718]
- Soran M.M., Mariana Ionita, I.L. Mitrea, 2020. Epidemiological study on intestinal protozoa infections in shelter dogs from Southeastern Romania. *Revista Romana de Medicina Veterinara*, 30(1): 46-52.
- Pavel A.I., Mariana Ionita, I.L. Mitrea, 2020. Clinical and anatomo-pathological study on bovine babesiosis in the Danube Delta (Romania). *Revista Romana de Medicina Veterinara*, 30(2): 33-38.
- Girdan Gina Teodora, Anghel Roxana Georgiana, Ioniță Mariana, Mitrea I.L., 2015. Data on canine heartworm (*Dirofilaria immitis*) infection and other vector-borne pathogens in dogs in Bucharest area, Romania. *Scientific Works, C series, Veterinary Medicine*. 146-151.
- Fermoagă Cristina, Codreanu M.D., Cornilă M., Nae Raluca Teodora, Ioniță Mariana, Mitrea I.L., 2015. Clinical follow-up of dogs with neurological disorders and positive for antibodies against *Toxoplasma gondii*. *Scientific Works, C series, Veterinary Medicine*. 131-134.
- Mitrea I.L., Mariana Ioniță, G. Predoi, V. Cozma, E. Avram, Gh. Solcan, 2011. Actual data on etioepidemiology of cystic echinococcosis on livestock in Romania. *Scientific Works, C series, LVII (2)* 295-302.
- Mitrea I.L., Mariana Ioniță, 2009. *Approaching food-borne parasites status in the world and Romania*. *Scientific works, C series, Vet. Med.*, LV(2): 1-19.
- Mitrea I.L., Laura Rinaldi, Mariana Ioniță, Irina Costin, 2008. *Updates on echinococcosis/hydatidosis in the world and Romania, the socioeconomic impact*. *Scientific works, Bucharest, C series, Vet. Med.*, LIV: 208-217.
- Mitrea I.L., Ioniță M., Enăchescu V., 2006. Isosporosis in cats and dogs: etio-epidemiological and clinical features. *Buletinul UȘAMV Cluj Napoca*, 2006, 63: 343-347.
- Mitrea I.L., F. Constantinescu, Ioniță M., Buzatu M.C., 2006. Therapeutical efficacy of some antiparasitical drug on ruminants helminthosis from subcarpathian area of Vâlcea county. *Buletinul UȘAMV Cluj Napoca*, 2006, 63: 348-354
- Mitrea I.L., Mariana Ioniță, Gh. Solcan, Maria Crivineanu, Ana Csoma, 2005. *A comparative study of bioavailability of two benzimidazolic products based on albendazole, and flubendazole respectively*. *Lucrări științifice FMV București, Seria C XLVIII, vol. II* 713-719.
- Mitrea I.L., 2002. *Controlul parazitologic: concept biologic, medical și economic*. *Revista Scientia Parasitologica*, vol. 3, nr. 1: 79-83.
- Mitrea I.L., Mariana Ioniță, V. Cozma, Gh. Solcan, Carmen Solcan, Aneta Pop, Adriana Orășanu, G. Găjilă, D. Curcă, Dana Șendrea, 2001. *Aspecto clinice și paraclinice în hidatidoza experimentală la ovine, asociată sau nu chimioprevenției cu albendazol. I. Evoluția anatomo-clinică și a unor parametri hematologici. II. Evoluția unor parametri proteici, enzimatici și minerali*. *Lucrări științifice U.Ș.A.M.V. "Ion Ionescu de la Brad" Iași, seria Medicină Veterinară*, 44(3). Fascicula II: 510-514, 515-522.