

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Mariana IONITA**

Address(es)

Telephone(s)

E-mail

Nationality Romanian

Academic degree Professor

**Other degrees Habilitated Doctor, PhD-coordinator
PhD in Medical Sciences (Veterinary Medicine)**

**Professional degrees Diplomat of the European Veterinary Parasitology College
EBVS® European Veterinary Specialist in Parasitology**

Web of Science Researcher-ID **C-2514-2011**

Orcid -ID <https://orcid.org/0000-0002-7007-0800>

Scopus-ID <https://www.scopus.com/authid/detail.uri?authorId=23988856200>

**Employer / Occupational field University of Agronomical Sciences and Veterinary Medicine of Bucharest
(USAMV Bucharest), Faculty of Veterinary Medicine /
/ Higher education and advanced research**

Academic career

Dates **April 2020- present**
/ Oct. 2017- April 2020

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

Main activities and responsibilities **Scientific Research and International relationships /
/ National and International relationships, students' issues**

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

Type of business or sector Managerial and academic activities

Dates Dec. 2014 – Feb. 2017

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

Main activities and responsibilities Coordinating the Doctoral school's activities (advanced studies and research programs);
academic representing

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

Type of business or sector Advanced scientific research and managerial activities

Dates	Feb. 2020 - present
Occupation or position held	Professor; PhD coordinator
Main activities and responsibilities	In charge of course in <i>Animal Biology</i> (1 st academic year / Veterinary Medicine) In charge of course in <i>Parasitology</i> (3 rd academic year / Veterinary Medicine) Practical works/laboratories of <i>Animal Biology, Parasitology, Parasitic diseases</i> (1 st academic year, 3 rd academic yea, 4 th academic year / Veterinary Medicine) Teaching activities. Clinic and laboratory diagnosis of parasitic diseases in animals. Advanced research activities in the field of Parasitology.
Name and address of employer	U.A.S.V.M. of Bucharest, Faculty of Veterinary Medicine . Splaiul Independentei 105, sector 5, 050097, Bucharest, ROMANIA
Type of business or sector	Higher education and Research
Dates	Oct. 2013 – Feb.2020
Occupation or position held	Associate Professor; PhD coordinator
Main activities and responsibilities	In charge of course in <i>Animal Biology</i> (1 st academic year / Veterinary Medicine) In charge of course in <i>Parasitology</i> (3 rd academic year / Veterinary Medicine) Practical works/laboratories of <i>Animal Biology, Parasitology, Parasitic diseases</i> (1 st academic year, 3 rd academic yea, 4 th academic year / Veterinary Medicine) Teaching activities. Clinic and laboratory diagnosis of parasitic diseases in animals. Advanced research activities.
Name and address of employer	University of Agronomical Sciences and Veterinary Medicine, Bucharest, Faculty of Veterinary Medicine . Splaiul Independentei 105, sector 5, 050097, Bucharest, ROMANIA
Type of business or sector	Higher education and Research
Dates	2006 - 2013
Occupation or position held	Lecturer
Main activities and responsibilities	The head of course in <i>Animal Biology</i> (1 st academic year / Veterinary Medicine) Practical works/laboratories of <i>Animal Biology, Parasitology, Parasitic diseases</i> (1 st academic year, 3 rd academic yea, 4 th academic year / Veterinary Medicine) Teaching activities. Clinic and laboratory diagnosis of parasitic diseases in animals. Advanced research activities.
Name and address of employer	University of Agronomical Sciences and Veterinary Medicine, Bucharest, Faculty of Veterinary Medicine. Splaiul Independentei 105, sector 5, 050097, Bucharest, ROMANIA
Type of business or sector	Education and Research
Dates	2001-2006 / 1998-2001
Occupation or position held	professor's Assistant / junior Assistant
Main activities and responsibilities	Practical works of <i>Ecology, Animal Biology, Parasitology and Parasitic Diseases</i>
Name and address of employer	University of Agronomical Sciences and Veterinary Medicine, Bucharest, Faculty of Veterinary Medicine. Splaiul Independentei 105, sector 5, 050097, Bucharest, ROMANIA
Type of business or sector	Education and Research
Dates	1997-1998
Occupation or position held	Biologist
Main activities and responsibilities	Specific techniques in <i>Histopathology Laboratory</i>
Name and address of employer	Institute for Diagnosis and Animal Health, Bucharest
Type of business or sector	Diagnosis

Education and training

Dates	2013
Title of qualification awarded	Habilitation / <i>Habilitated doctor in veterinary medicine</i> / PhD - coordination
Dates	2008
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	University of Agronomical Sciences and Veterinary Medicine, Bucharest, Faculty of Veterinary Medicine
Dates	2004
Title of qualification awarded	PhD - Doctor in Medical Sciences, domain <i>Veterinary Medicine</i>
Principal subjects/occupational skills covered	Parasitology and Parasitic diseases Research
Name and type of organisation providing education and training	University of Agronomical Sciences and Veterinary Medicine, Bucharest, Faculty of Veterinary Medicine
Dates	1999
Title of qualification awarded	Master of Science (MS)
Title of qualification awarded	Master Diploma / specialization <i>Compared Biology of the Normal and Tumor Cell</i>
Principal subjects/occupational skills covered	Oncology, Hematology, Immunology, Laboratory diagnosis
Name and type of organisation providing education and training	University from Bucharest, Faculty of Biology
Dates	1997
Title of qualification awarded	Biologist / License diploma
Principal subjects/occupational skills covered	Fundamental disciplines: Anatomy and comparative anatomy of animals, Chemistry, Organic chemistry, Inorganic chemistry, Physic, Biomathematics and statistics, Biochemistry, Vegetal biology, Plant physiology, Zoology (invertebrate and vertebrate) Animal physiology, Histology and cellular biology, Cellular biology Disciplines for specialization in Medical biology: Pathology, Hemathology, Oncology
Name and type of organisation providing education and training	University from Bucharest, Faculty of Biology

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user
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 work in many research teams of research grants or projects – national and international);
- capacity to adapt to different cultural environments, experienced at research fellowship in the USA and Europe (Germany, Italy, France);

Organisational skills and competences

- experience in the team research grants
- experience in organizing of national and international scientific meetings

Technical skills and competences

- 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 other applications.

Trainings and fellowships

- **2018 (June). Summer Class in *Biostatistics and Epidemiology* – level 2. Ecole Nationale Vétérinaire d'Alfort (ENVA), France.**
- **2017 (June). Summer Class in *Biostatistics and Epidemiology* – level 1. Ecole Nationale Vétérinaire d'Alfort (ENVA), France.**
- **2015 (September - October). Research stage (Using molecular tools- PCR & Real-Time PCR to investigate the strongyle species in horses): University of Kentucky, Department of Veterinary Science, Gluck Equine Research Center, Lexington, KENTUCKY, U.S.A.**
- **2014 (22.09 – 03.10. 2014), Research stage [Topic: *parasitic diseases in ruminants: pathology and diagnosis*] Kathrinenhof Research Center, Rohrdorf, Germany**
- **2013 (03-15.03.2013): Research stage Ludwig-Maximilians University, Institute for Comparative Tropical Medicine and Parasitology. Research subject: *advanced diagnostic and research methods in coprology, serology, and molecular biology. Munich, Germany***
- **2013 (13- 23.10.2013): Research stage: Kathrinenhof Research Center, Merial GmbH. Research subject: *advances in the laboratory diagnosis of gastrointestinal parasites in domestic and wild ruminants – advanced methods in coprology, serology, and molecular biology. Rohrdorf, Germany***
- **2012 (08-15.09.2012), Summer course, organized by the *European Veterinary Parasitology College*. Topic: *Arthropods vectors and transmitted pathogens in the Mediterranean area. University of Bari, Bari, Italy***
- **2011 (20.11-03..12.2011). Research training, University of Hohenheim, Training in molecular biology: PCR, PCR-RFLP, sequencing; genetic characterization of *Echinococcus granulosus*. Supervisor. Prof. Thomas Romig. **Stuttgart, Germany.****
- **2010. Two research stages, Institute for Comparative Tropical Medicine and Parasitology, Ludwig - Maximilians University, Munich (07.11–14.11.2010; 20.07–30.07.2010): specialization for using molecular biology methods in parasitology - molecular screening of ticks and molecular identification of tick-borne pathogens in blood; Supervisor. Prof. Kurt Pfister, **Munich, Germany****
- **2009. Research stage (3 months): University of Kentucky, Dep. Veterinary Science, Gluck Equine Research Center, Lexington (26.06–01.09.2009): specialization in classical parasitology (equine parasites) – supervisor. Prof. Eugene T. Lyons; molecular parasitology – supervisor: Prof. PhD Daniel Howe. **United States of America****

Trainings and fellowships

..continuing

- **2008. Research fellowship** (3 months): University of Kentucky, Dep. Veterinary Science, Gluck Equine Research Center, Lexington USA (02.08–03.10.2008): specialization in classical parasitology (equine parasites) – supervisor Prof. Eugene T. Lyons; molecular parasitology – supervisor: Prof. PhD Daniel Howe. **U.S.A.**
- **2008 (August): California, San Miguel Island, Studying parasites in marine mammals – *Callorhinus ursinus* and *Zalophus californianus*.** Supervisor Prof. E. Lyons, coordinator team: Bob DeLong. **United States of America.**
- **2007 (August): Alaska, Saint Paul Island, Studying parasites in marine mammals – *Callorhinus ursinus*.** Supervisor Prof. E. Lyons, coordinator team: Terry Spraker. **U.S.A.**
- **2007. Research fellowship** (≈3 months): University of Kentucky, Dep. Veterinary Science, Gluck Equine Research Center, Lexington (14.07–09.10.2007): specialization in classical parasitology (equine parasites) – supervisor. Prof. Eugene T. Lyons; molecular parasitology – supervisor: Prof. PhD Daniel Howe. **United States of America.**
- **2007. Training stage:** Ecole Nationale Vétérinaire d'Alfort, Laboratoire de *Microbiologie -Immunologie*, Alfort, (02 decembrie – 09 decembrie 2007): training in *molecular detection of arthropod borne pathogens*. supervisor: Prof. Henri-Jean Boulouis. **France.**
- **2006, Faculty Exchange Program** (3 months): (04.08-04.11.2006) gained by a national competition: the program was financed by U.S.D.A. (U.S.A.) and hosted in **Washington - USDA and University of Kentucky, Lexington**. Objectives: training in teaching methods and classroom management strategies in the higher education system; revising and improving the curricula (syllabus of courses); training in using the new methods based on molecular biology (PCR-based methods) in veterinary parasitology. Coordinator. Prof. Mike Reed. **United States of America**

Member in the editorial board / and other evaluation boards

Executive Editor

Scientific Works Series C. Veterinary Medicine – USAMV Bucharest

Editorial Board & Scientific Committee:

AgroLife Scientific Journal (ISI-ESCI journal)

Romanian Journal of Veterinary Medicine (ISI-ESCI journal)
Scientia Parasitologica

Reviewer for ISI journals:

Veterinary Parasitology

Parasitology Research

Parasites & Vectors

Vector-Borne and Zoonotic Diseases

Parasitology

Acta Parasitologica

Helminthologia

Journal of Veterinary Science & Medical Diagnosis

Veterinary Parasitology: Regional Studies and Reports

BMC Veterinary Research

Pathogens

Microorganisms

Others

Expert evaluator for national research grants (CNCSIS, CNMP Romania)

Scientific papers, courses, monographs

- Over 150 scientific papers published and/or communicated, of them:
 - 23 published in international peer-reviewed ISI journals [total Impact factor:≈ 4.33]
 - 23 in Conference ISI Proceedings / abstracts in ISI IF-journals ;
 - 107 papers published in journals indexed in international scientific databases (of which, 15 in Emerging Source Citation Index - ESCI journals)
 - **Hirsh-index: ISI Web of Science = 12/ Scopus = 12 / Google Scholar = 16**
 - 83 papers communicated at international conferences;
- 1 chapter in the international monography – *Equine reproduction* (Angus O. MCKINNON, Edward L. SQUIRES, Wendy E. VAALA, Dickson D. VARNER (second edition) (Ionita Mariana, coauthor for Chapter 30: *Important gastrointestinal parasites*), Wiley-Blackwell Publishing, Ames, Iowa (2011)

Relevant monographs:

- **Equine reproduction** (Angus O. McKINNON, Edward L. SQUIRES, Wendy E. VAALA, Dickson D. VARNER (second edition) (E. Lyons, Ionita Mariana, S. Tolliver: Chapter 30: *Important gastrointestinal parasites*), Wiley-Blackwell Publishing, Ames, Iowa (2011)
- *Traetise of Veterinary Medicine (Romanian language), vol VI: Veterinary Parasitology* (author of 5 chapters) (Romanian language).
- *Diagnostic of parasitic diseases in animals vol. 1: Tehniques and methods for parasitological diagnostic.. Diagnostic of protozooses.* Ionita Mariana, Ioan Liviu Mitrea, Editura Ceres, Bucuresti, 2013 (Romanian language)
- **Animal biology**, Ionita Mariana, Ioan Liviu Mitrea, 2019. Editura ExTerra Aurum, București
- **Ecologia căpușelor ixodide**, Ionita Mariana, 2019, Editura Ceres, București
- *Biologie animala*, Ionita Mariana, Ioan Liviu Mitrea, Ed. Medicală Veterinară București, 2006
- *Dermatopatology of farm animals*, I.L. Mitrea, Gh. Solcan, (Ionita Mariana chp.. 14, 15). Editura Medicală Veterinară București, 2006 (Romanian language).
- *Ecology*, Mitrea I.L., Ionita Mariana. Editura Medicală Veterinară București, 2001 (in Romanian).

Scientific research:

- **COORDINATOR / PRINCIPAL INVESTIGATOR OF RESEARCH GRANTS/PROJECTS gained by national competition:**
 - 2015 - 2017: project nr. 162/2015, PN-II-RU-TE, UEFISCDI Romania: *Molecular studies on chemoresistance to anthelmintics of equine parasites, in Romania.* **Director**
 - 2007 - 2010: project nr. 729/2007, UEFISCDI, România. *Advanced molecular epidemiology studies on risks for vector-borne diseases in Romania.* **Director**
 - 2005 - 2006: Grant AT, cod: 188/2005; CNCSIS, România. *Detection by molecular biology methods of pathogens transmitted by parasitic haematophagous arthropods in animals.* **Director**
- **SCIENTIFIC RESPONSIBLE FOR THE COORDINATOR RESEARCH GRANTS:**
 - 2008 - 2011: Partnership Project (Co and 3 partners), Grant PN-II (nr. 52-161/2008 ANCS/CNMP Romania. *Molecular epidemiology of echinococcosis / hydatidosis in humans and animals in southern and north-western Romania.*
 - **MEMBER in the research team of 1 International Grant, EU (NOVICE, 11785/2009),** – (NOVICE Project), nr. 11785/2009. Funding agency: European Education Audiovisual and Culture Executive Agency) buget total: 25 784 euros.
 - **MEMBER in the research team of 8 national grants (PN-II: 52-177/2008; 51-004/2007; Grant CNCSIS: nr. 1524/2005; nr. 1101/2006; nr. 1108/2006; nr. 33605/2002, Them 30 - Cod 1196; Grant CEEEX, nr 151/2006; ANSTI nr. 13029/2000)**

Patents

- **Patent nr. 125078/28.01.2011, OSIM Romania: Apifitoterapeutic supplement for veterinary use for prevention and treatment of parasitic diseases – co-author**
- **Patent RO127755-A2/30.08.2012. OSIM România.** Biological markers specific to the hemolimpha composition, useful in monitoring the health of bee colonies. Co-author

Prizes	<ul style="list-style-type: none"> • 11 awards for outstanding scientific papers (offered by UEFISCDI Romania): PN-II-RU-PRECISI-2012-2013-2015; PN-III-P1-1.1-PRECISI-2016-2018-2019-2021 [4 articles in the Red zone; 7 articles in the Yellow zone] • Award of UEFISCDI Romania for the Habilitation thesis (2014) • Prize Paul Riegler al ASAS [<i>Academy of Agricultural and Forestry Sciences, Romania / 2020: Patologia vanatului</i> (coord. V. Secasiu, Gh. Puchianu) (Mitrea Ioan Liviu; Mariana Ioniță: co-autori, Ed. Universității Transilvania, Brașov, 2019 [ISBN: 978-606-19-1132-5] • Prize „Paul Riegler” of ASAS [<i>Academy of Agricultural and Forestry Sciences, Romania</i>] /2015 [for <i>Tratat de Medicină-Veterinară</i>, vol. VI, <i>Parazitologie Veterinară</i>] – co-author] • Prize "Traian Săvulescu" of Romanian Academy, 2016 [for <i>Tratat de Medicină Veterinară</i>, vol. VI, <i>Parazitologie Veterinară</i>] – co-author]
Driving license	Driving license B
Additional information	<p>Affiliation to / Member in Professional Associations:</p> <ul style="list-style-type: none"> - the <i>World Association for the Advancement of Veterinary Parasitology</i> (WAAVP) (2008 - present) - the <i>American Association of Veterinary Parasitologists</i> (AAVP) (2006 - present) - the <i>American Society of Parasitologists</i> (ASP) (2011 - present) - <i>Association of Romanian Parasitologists</i> (2000 - present) - <i>General Association of Veterinary surgeons from Romania</i> (2008 - present) - <i>Diplomate of the European College of Veterinary Parasitology</i> (2016 - present) - Board member of the <i>European College of Veterinary Parasitology</i> (2021-present)
Annexes	List of publications (selective and relevant publications)

List of publications (selective and relevant publications)

- Bogdan A.M., **Ionita Mariana** Mitrea I.L., 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., A. Rădulescu, Ioan Liviu Mitrea, **Ionita Mariana**, 2020. First report on clinical feline heartworm (*Dirofilaria 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 Mariana**, 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. <https://doi.org/10.1645/18-137> [IF=1,238]
- Ionita Mariana**, I.M. Nicorescu, K. Pfister, Mitrea I.L., 2018, Parasitological and molecular diagnostic of a clinical *Babesia caballi* outbreak in Southern Romania. *Parasitology Research*, 117(7):2333-2339.
- Deak G., N. Gillis-Germitsch, A.M. Ionică, A.M., I.R. Păstrav, C. Cazan, **Ionita Mariana**, I.L. Mitrea, et al., 2019. The first seroepidemiological survey for *Angiostrongylus vasorum* in domestic dogs from Romania. *Parasites & Vectors*, 12:224
- Ionita Mariana**, Silaghi C, Mitrea IL, Edouard Sophie, 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.
- Ionita Mariana**, Ioan Liviu Mitrea, Angela Monica Ionică, Sorin Morariu, Andrei Daniel 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.
- Ionita Mariana**, Ioan Liviu Mitrea, 2016. *Linguatula serrata* (Pentastomida: Linguatulidae) infection in dog, Romania: a case report. *AgroLife Scientific Journal*, 5(2):85-89. ISSN 2285-5718, 85-89.
- Ionita Mariana**, Ioan Liviu Mitrea, 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.
- 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. [IF=2.852]
- Ionita Mariana**, 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.
- Ionita Mariana**, Varela M.G., Lyons E.T., Spraker T.R., Tolliver S.C., 2008. Hookworms (*Uncinaria lucasi*) and acanthocephalans (*Corynosoma* spp. and *Bolbosoma* spp.) found in dead northern fur seals (*Callorhinus ursinus*) on St. Paul Island, Alaska in 2007. *Parasitology Research*, 103(5):1025-1029.
- Nasoiu LI, IL Mitrea, **Ionita Mariana**, 2018. A serological investigation on *Bartonella henselae* in domestic cats from Bucharest area, *Journal of Biotechnology*, 280: S39.
- Magdas, F. Durlea, **Ionita Mariana**, I.L.Mitrea, 2018. *Dermanyssus gallinae* infestation in poultry farms, in Romania: results of a pilot survey. *Journal of Biotechnology*, 280: S39-S40.
- Buzatu M.C., Mitrea I.L., **Ionita Mariana**, 2017. Occurrence assessment of *Strongylus vulgaris* on horse populations in Romania: preliminary data from larval cultures. *Journal of Biotechnology*, 256:S48
- Anghel R.G., Simion V.A., Mitrea I.L., **Ionita Mariana**, 2017. Investigation on some selected Vector-Borne Pathogens and evaluation of co-infections in clinically suspected dogs, in Southern Romania. *Journal of Biotechnology*, 256:S90
- Buzatu C.V., I.M. Nicorescu, I.L. Mitrea, **Ionita Mariana**, 2017. Insights on *Trichinella*-infection in domestic pigs and hunted game, on 2011-2015 period, in Romania. *Journal of Biotechnology*, 256:S90.
- Paltin A.C., **Ionita Mariana**, A. Bota, I.L. Mitrea, 2017. Coprological investigation on endoparasite community in water buffaloes (*Bubalus bubalis*), from center Romania. *Journal of Biotechnology* 256:S49.
- Nicorescu IM, **Ionita Mariana**, Ciupescu L, Buzatu CV, Tanasuica R, Mitrea IL., 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.
- Sommer MF, Beck R, **Ionita Mariana**, Stefanovska J, Vasić A, Zdravković N, Hamel D, Rehbein S, Knaus M, Mitrea IL, Shukullari E, Kirkova Z, Rapti D, Capări B, Silaghi C., 2015. Multilocus sequence typing of canine *Giardia duodenalis* from South Eastern European countries. *Parasitology Research*, 114(6):2165-2174.
- Mitrea I.L., **Ionita Mariana**, I.I. Costin, G. Predoi, E. Avram, L. Rinaldi, M. Maurèlli, G. Cringoli, C. Genchi, 2014. Occurrence and genetic characterization of *Echinococcus granulosus* in naturally infected adult sheep and cattle in Romania. *Veterinary Parasitology* 206: 159-166.
- Iordache F, **Ionita Mariana**, Mitrea LI, Fafaneata C, Pop A., 2015. Antimicrobial and antiparasitic activity of lectins. *Current Pharmaceutical Biotechnology*. 2015;16(2):152-161.
- Buzatu M.C., Mitrea I.L., E.Lyons, **Ionita Mariana**, 2016. A field survey to investigate the anthelmintic efficacy against equine strongyles in Romania. *Journal of Equine Veterinary Science* 39:S48-S49.

- Soran M.M., **Ionita Mariana**, I.L. Mitrea, 2016. Helminthic parasitofauna in dogs and the associated risks for human health in Romania: A coproparasitological follow-up. *Journal of Biotechnology*, Volume 231, Supplement, 10 August 2016, Page S105.
- Anutescu S.M., Buzatu M.C., Gruianu A., Paltin C., Mitrea I.L., **Ionita Mariana**, 2016. Study on diversity of strongyle infective larvae populations in naturally infected horses, Romania. *Journal of Biotechnology*, 239: Supp.10: 2-3.
- Ionita Mariana**, Silagh C., Mitrea I.L., Pfister K., 2015. Using molecular tools to investigate the epidemiology of tick-borne diseases in Romania. *Journal of Biotechnology*, 2015, 208: S13.
- Iordache F., Nasoiu L., Istrate C., Mihailescu P., Mitrea I.L., **Ionita Mariana**, 2015. Screening of *Lyme borreliosis* in dogs from Romania using immunoblot assay. *Journal of Biotechnology*, 208, S98.
- Costin I.I., **Ionita Mariana**, Predoi G., Avram E., Rinaldi L., Maurelli M.P., Mitrea I.L., 2015. Molecular genotypes of *Echinococcus granulosus* spread among cattle from Romania. *Journal of Biotechnology*, 208, S36.
- Soran M., Ciopasiu R.M., **Ionita 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, S96.
- Girdan G.T., **Ionita Mariana**, Mitrea I.L., 2015. Use of immunological, morphometric, and histochemical analyses to investigate filarioids infesting dogs in South-Eastern Romania: preliminary data. *Journal of Biotechnology*, 208, S26
- Enachescu V., **Ionita Mariana**, Ioan Liviu Mitrea, 2014. Comparative study for the detection of antibodies to *Neospora caninum* in milk and sera in dairy cattle in southern Romania. *Acta Parasitologica*, 2014, 59(1):5-10.
- Buzatu M.C., Mitrea I.L., Miron L., **Ionita M.**, 2014. Coprological investigations on strongyle EPG profiles in working horses and horses residing in stud farms in Romania. *Journal of Biotechnology*, 2014, September, vol. 185, Supplement, pp.S42.
- Costin I.I., **Ionita M.**, Predoi G., Avram E., Rinaldi L., Maurelli M.P., Romig T., Mitrea I.L., 2014. Molecular epidemiology of cystic echinococcosis in sheep in Romania. *Journal of Biotechnology*, 2014, September. vol. 185, Supplement, pp.S40.
- Mitrea I.L., Violeta Enachescu, **Ionita Mariana**, 2013. *Neospora caninum* infection in dogs from Southern Romania: coproparasitological study and serological follow-up. *Journal of Parasitology* 99(2):365-367.
- Mitrea I.L., **Ionita Mariana**, Marion 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.
- 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.
- Lyons E.T., Tolliver S.C., Collins S.S., **Ionita M.**, Kuzmina T.A., Rossano M., 2011. Field tests demonstrating reduced activity of ivermectin and moxidectin against small strongyles in horses on 14 farms in Central Kentucky in 2007-2009. *Parasitology Research*, 108(2):355-360.
- Lyons E.T., Spraker T.R., De Long R.L., **Ionita Mariana**, Melin S.R., Nadler S.A., Tolliver S.C., 2011. Review of research on hookworms (*Uncinaria lucasi* Stiles, 1901) in northern fur seals (*Callorhinus ursinus* Linnaeus, 1758). *Parasitology Research*, 109(2):257-265.
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