



# Curriculum Vitae



## PERSONAL INFORMATION

First name / Surname

Addresses

Telephones / Fax

E-mail

Nationality

Date of birth

Gender

**MARCUS IOAN**

Home address: Tasnad street, Nr. 17, Bl. P6, Sc. II, Et.1, Apt. 19  
Cluj-Napoca, 400019 street code, Cluj county, Romania

Office address: Manastur street, nr. 3-5, 400372 , Cluj-Napoca, Cluj county.

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Office phone: + 40 – 264 – 59 63 84 /123 / **Fax:** + 40 – 264 – 59 37 92

E-mail: [ioan.marcus@usamvcluj.ro](mailto:ioan.marcus@usamvcluj.ro) / [ioanbmarcus@gmail.com](mailto:ioanbmarcus@gmail.com)

Romanian

August, 24, 1963

Male

## Employment

### *Occupational field*

University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca;  
Faculty of Veterinary Medicine. Department of Pathophysiology;

## PROFESSIONAL EXPERIENCE

Period / Dates

- 2018-Present-Director of the Doctoral School of Veterinary Medicine, IOSUD-USAMV Cluj-Napoca.
- 2015- Present - Head of the Interdisciplinary Center for Education and Research in Bioethics, Life Science Institute, UASVM Cluj-Napoca.
- From 2004 - Head of the Discipline of Pathophysiology.
- 2012-2014 Vice Dean: Scientific Research and International Relationships
- 2011-2012 - Director of the Department of Paraclinical Sciences
- 2008 – 2012: Director of the Chair of Laboratory/Paraclinical Sciences
- 2000 - 2004: Assoc. professor, Department of Pathophysiology  
Head of the Course of Biology and Pathology of Laboratory Animals
- 1997 - 2000: Lecturer, Department of Pathophysiology  
Head of the discipline of Biology and Pathology of the Lab Animals
- 1992 - 1997: Assistant professor. Department of Pathophysiology
- 1991 - 1992: Assistant professor. Department of Internal Medicine
- 1987 - 1991: Sanitary Veterinary Office Craiesti, Mures county

Occupation or position held

Main activities  
and responsibilities

- Head of the Discipline of Pathophysiology (from 2004 - Present)
- Head of the course of Animal Experimentation Bioethics (2010 - Present)
- Member of the Faculty's Office, 2008-2011, 2011-2014
- Member of the Council of the Faculty of Veterinary Medicine  
1996-2000, 2000-2004, 2004-2008, 2008-2012, 2012-2014.

Name and address  
of the employer

Type of business or sector

University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca  
Manastur street, nr. 3-5, 400 372, Cluj-Napoca, Cluj county, Romania  
Higher Education and Scientific Research

## EDUCATION AND TRAINING

Dates

- 2018-2023 – **Certificate Program** in The Onsite Research Ethics Program at Icahn School of Medicine at Mount Sinai & Clarkson University, NY, USA.

- 2014 - 2016 – **Research Ethics Education Program** – organized by Icahn School of Medicine Mont Sinai from New York, United States, and Medical School from University of Belgrade, Serbia.

- 1994 – 2000 - Faculty of Psychology and Educational Sciences, Babes-Bolyai University, Cluj-Napoca, Romania.

- 1999 - Ph. D. in Veterinary Medical Sciences, Specialization: Normal and Pathologic Morphology , Biology and Pathology of Laboratory Animals, Experimental oncology, Bioethics and Ethic of Animal Experimentation.

- 1982 – 1987 - Faculty of Veterinary Medicine, Cluj-Napoca.

<b>Language competences</b>		Romanian				
		<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
		Listening / Reading	Spoken Interaction	Spoken production		
		English French	+++ +++	++ ++	++ ++	++ ++
<b>SOCIAL SKILLS AND COMPETENCES</b>	National Scientific and professional Societies		- Vice-president of the Romanian Society of Pathophysiology, 2012-Present - President of the General Association of the Veterinary Physicians from Romania (AGMVR), Cluj office, from 2012 to 2016. - Secretary and Founding Member of the Society of Comparative and Experimental Pathology, from 2010 – Present; - President of the Christian Democracy Association Cluj, 2005-Present; - Member of The Romanian Society of Bioethics, from 2010 - Present - Member of the Romanian Society of Comparative Oncology, from 2001 - Member of Mediterranean Forum of the Comparative Oncology, from 2005 - Member of the Romanian College of the Veterinary Physicians, from 1998 - Member of The World Veterinary Association (WVA) - Member of The Federation of Veterinarians of Europe (FVE) - Member of The Balkan and Black See Countries Veterinary Association			
<b>ORGANISATIONAL SKILLS &amp; COMPETENCES</b>	International Scientific and professional Societies		- 2015-Present - Head of the Center for Education and Research in Bioethics - 2012-2014 - Vice Dean - Scientific Research and International Relationships; - 2004-Present - Head of the Discipline of Pathophysiology; - 2011-2012 - Director of the Department of Paraclinical Sciences; - 2008 – 2012 - Chief of the Chair of Paraclinical Sciences; - Coordinator of the <i>National Continuing Educational Program</i> in FVM Cluj; - 2002-2005 - Coordinator of <b>CEEPUS</b> Program, USAMV Cluj-Napoca.			
<b>PROFESSIONAL SKILLS AND COMPETENCES</b>	<b>BOOKS PUBLISHED - 8</b>		- 2018 – Biologia și Patologia Animalelor de Laborator, Ioan Marcus, Bogdan Sevastre, Orsolya Sarpataki, Editura Roprint, Cluj-Napoca (458 pgs) - 2017, Pathophysiology: Functional Disorders and Etiopathogenetic Mechanisms, Part I & II Ioan Marcus (eds), Risoprint Cluj-Napoca (1000 pg) - 2011, Pathophysiology: Functional Disorders and Etiopathogenetic Mechanisms, Vol. I. Ioan Marcus (coord), Roprint, Cluj-Napoca (500 pg) - 2004, Biology and Pathology of Laboratory Animals, Author: Ioan B. Marcus, Printing house: Roprint, Cluj Napoca. - 2003, Pathophysiology, Authors: Alexandru Pop, Ioan B. Marcus, Printing house: Roprint, Cluj Napoca (450 pgs). - 2002, Experimental Pathophysiology, Authors: Alexandru Pop, Ioan Marcus, Bogdan Sevastre, Roprint, Cluj Napoca (235 pgs). - 2001, Pathophysiology: Altered function and compensatory mechanisms, Alexandru Pop, Ioan B. Marcus, Printing house: Roprint Cluj-Napoca. - 2000, Introduction in Pathophysiology and Morphology of Cancer, Author: Ioan B. Marcus, Printing house: Roprint, Cluj-Napoca (200 pg).			
<b>SCIENTIFIC RESEARCH COMPETENCES AND ACTIVITY</b>	I. INTERNATIONAL & NATIONAL GRANTS = 5		- PNCDI III, INNOVATION CEC (PN-III-P2-2.1-CI-2017-0632), 2017   Nutraceutical Functional product with curative and palliative properties obtained from Zonar enriched with natural bioactive principles by using some eco-innovative technologies (Acronym: ECO-ZONAR). - PNCDI III, BRIDGE GRANT (PN-III-P2-2.1-BG-2016-0335), 2016-2018, Development of some functional nutraceutical products with applications in healthy nutrition and regenerative medicine, obtained by using an innovative and sustainable technology. (Acronym: PROFI-ZONAR) - START Danube Project 16_PA07-C1 (BEST-NetWORK) 2015-2016. Bioethics Standards in Translational research: an integrated approach of the Bioethics of the bioethical education in biomedical sciences and its role in the development of the knowledge based society in Danube Region countries. - PNCDI-PN II. PARTNERSHIPS. Responsible USAMV, Grant nr. 61-002/2007 (2007-2010) TITLE: Obtaining and characterization of new targeted-nanodrugs with naphthoquinone active substance (NANOQMED).			

II. SCIENTIFIC PAPERS  
AND ARTICLES PUBLISHED  
III. SCIENTIFIC EVENTS - 6

IV. PATENTS DEVELOPED  
IN SCIENTIFIC GRANTS = 2

V. REVIEWER AND EXPERT  
EVALUATOR FOR SCIENTIFIC  
JOURNALS AND RESEARCH  
GRANTS COMPETITIONS

VI. EDITOR – SCIENTIFIC

- PNCDI-PN II. CEEEX Program (EXCELLENCE RESEARCH). Director Grant nr. 105/2006, Module III (2006 - 2008) (PATHCERO)
- Director Grant nr. 19/2005. Cod CNCSIS 790 (2005 - 2007). CNCSIS. Research Grant funded by CNCSIS. Clinical and laboratory investigations concerning the influence of Deuterium depleted Water on the development of the experimental cancer in laboratory animals (Wistar rats).
- CNCSIS. Research Grant funded by CNCSIS Director Grant nr. 55/2002. Cod CNCSIS 218 (2002 - 2004)
- Total number of didactic and scientific papers published = **125**
  - Specialty books published = **7**
  - Papers published = **102** / First author – **67** / ISI journals = **10**
- *International Seminar – Responsible Conduct in Translational Research*, Medical School from University of Belgrade, Serbia, 3<sup>rd</sup> of July, 2015, organized as Activity 3 within the START Project 16\_PA07-C1.
- *Work Meeting/ Round Table* – organized in Bulgarian Center of Bioethics, Activity 2 within the Project 16\_PA07-C1, 18-19 of June 2015; organized as Activity 3 within the START Project 16\_PA07-C1.
- *The 12<sup>th</sup> International symposium "Prospects for the Third Millennium Agriculture", Veterinary Medicine sections*, organized by the University of Agricultural Sciences and Veterinary Medicine, 26<sup>th</sup> – 28<sup>th</sup> 09 2013, Cluj-Napoca – Member of the Organizing Committee.
- *The 11<sup>th</sup> International symposium "Prospects for the Third Millennium Agriculture", Veterinary Medicine sections*, organized by University of Agricultural Sciences and Veterinary Medicine, 26<sup>th</sup> – 28<sup>th</sup> 09 2012, Cluj-Napoca – Member of the Organizing Committee.
- *International conference of Cellular and Tissue Comparative pathology* – PATHCERO - 3–5. VII. 2008. All these scientific events were organized at USAMV CN in CEEEX Project, nr. 105/2007- 2008.
- *International scientific Seminar*, 23-24. XI. 2006, Romanian Scientific Research: between European dream and home realities. CEEEX program
- *Round table with international participation*, 13 XI 2007, Scientific research in the field of comparative pathology: possibilities and opportunities to participate in 7<sup>th</sup> Framework programme of the UE.
- *International workshop*, 4–6 XII 2007, Functional Genomics and their validation in cancer diagnosis and therapy- bioethical conditions and european legislation, Research Project, nr. 105/2007-2008.
- **Patent 127496**, A2-A61K 47/48, published in Official Bulletin of Industrial Property, Patent Section,, RO-BOPI 6/2012, 30. 07. 2012, pg. 29. *Immunoconjugates with antiproliferative naphtalendione cytotoxic payload used in the control of malignant tumor growth*: Biol. Tamaian Radu, Prof. **Marcus Ioan**, Dr. Niculescu Violeta, Șef lucr. B. Sevastre, Dr. Prodan Iulia,
- **Patent 127619 A2** – A61K 1/04, published in Official Bulletin of Industrial Property, Patent Section,, RO-BOPI 7/2012, 30. 07. 2012, pg. 17. *Naphtelendionic derivative used in the control of the tumor growth*. Authors: Niculescu Violeta Carolina, PhD; Biol. Tamaian Radu, PhD; Prof. **Marcus Ioan**, PhD; Sevastre Bogdan, PhD; Dr. Med. Vet. Prodan Iulia.
- Reviewer for the Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca.
- Reviewer for Romanian Veterinary Medicine Journal, [www.agmvr.ro](http://www.agmvr.ro)
- 2015 – Expert evaluator and Rapporteur for COST Association (Proposal OC-2015-1-19537 – European Network on 3Rs Universe)
- 2014 – Expert evaluator and Rapporteur for the *Romanian National Agency of Scientific Research* (ANCS).
- 2014 – Expert evaluator for Fonds de la Recherche Scientifique - Belgium
- 2012 - Evaluator expert for the *National Agency of Scientific Research* (ANCS), National Center for Research Programs Management (CNMP),
- Evaluator for *National Agency of Loans and Scholarships* (2010)
- Long-term Expert evaluator for the POS-DRU ID 78 702 Project, Inter-university partnership to improve medical quality and interdisciplinary doctoral research by PhD scholarships – DocMed.net

RESEARCH PUBLICATIONS	<ul style="list-style-type: none"> <li>- Expert evaluator for the National Council of Scientific Research in Higher Education (CNCSIS), from 2008. (<a href="http://www.cnccsis.ro">http://www.cnccsis.ro</a>)</li> <li>- 2012-2014 – Editor of the Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Veterinary Medicine Series.</li> </ul>
<b>Computer skills</b>	Good command of Microsoft Office tools, (Word, Excel, Power Point).
<b>ARTISTIC SKILLS AND COMPETENCES</b>	<ul style="list-style-type: none"> <li>- Virgil Salantiu: Pictorul și Pictura, 2013, Editura Risoprint, Cluj-Napoca.</li> <li>- The Melancholies of Cordoba, 2011, (poems), Ed. Risoprint, Cluj-Napoca</li> <li>- The Illusion of the Modernity, 2004 (essays), Ed. Risoprint, Cluj-Napoca</li> <li>- The Challenges of the Nothingness, 2003, Ed. Risoprint, Cluj-Napoca</li> <li>- The Starry sky above me, 2002 (anthology), Ed. Risoprint, Cluj-Napoca</li> <li>- The Hunter of the Absolute, 2002 (poems), Ed. Risoprint, Cluj-Napoca</li> <li>- The Biography of a Weakness, 2000 (essays), Ed. Risoprint, Cluj-Napoca</li> <li>- The Image of the Things, 2000 (poems), Ed. Ed. Risoprint, Cluj-Napoca</li> <li>- Seasons between Words, 2000 (anthology of poems), Ed. Risoprint, Cluj-N</li> <li>- Occurrences with the Trifling Deities, 1997 (poems). Mesagerul, Cluj-N.</li> <li>- Editor of <b>Feedback</b>- Creative and Culture Review, from 2009.</li> <li>- Editor of <b>The Fifth Column</b> - Literary Revue, 1999-2004</li> </ul>
BOOKS PUBLISHED - 10	
CULTURAL REVIEWS	
<b>SCHOLARSHIPS &amp; SPECIALIZATIONS</b>	<ul style="list-style-type: none"> <li>- 2017 - Erasmus Teaching Mobility, Faculty of Veterinary Medicine, Dept of Pathology, Ondokus Mayis University Samsun, Turkey (10 days);</li> <li>- 2016 - Erasmus Teaching Mobility, Faculty of Veterinary Medicine, Department of Pathophysiology, University of Wroclaw, Poland (5 days);</li> <li>- 2015 - Erasmus Teaching Mobility, Faculty of Veterinary Medicine, Department of Genetics, University of Cordoba, Spain (10 days);</li> <li>- 2014 - Erasmus Teaching Mobility, Faculty of Veterinary Medicine, Dept of Pathology, Ondokus Mayis University Samsun, Turkey (12 days);</li> <li>- 2013 - Erasmus Teaching Mobility, Faculty of Veterinary Medicine, Department of Genetics, University of Cordoba, Spain (1 week);</li> <li>- 2012 - Erasmus Teaching Mobility, Faculty of Veterinary Medicine, University Aldo Moro from Bari, Italy, Department of Pathology (12 days);</li> <li>- 2011 - Erasmus Teaching Mobility, Cardinal Herrera University from Valencia, Spain, Faculty of Veterinary Medicine, Dept. of Pathology (10 days)</li> <li>- 2010 - Visiting professor, Faculty of Veterinary Medicine, department of Animal Genetics, University of Cordoba, Spain, 01 – 31 May (1 month);</li> <li>- 2007 - Working stage at the Faculty of Veterinary Medicine from Budapest, Hungary. Department of Internal Pathology (2 Weeks);</li> <li>- 2007 - Stage of specialization at the Faculty of Veterinary Medicine, University of Cordoba, Spain. Department of Genetics (2 weeks);</li> <li>- 2006 - Stage of specialization at the Faculty of Veterinary Medicine from University of Liege, Belgium. Department of General Pathology (2 weeks);</li> <li>- 2003 - Socrates-Erasmus scholarship, Faculty of Veterinary Medicine, University of Cordoba, Spain. Department of Genetics (2 weeks);</li> <li>- 2003 - CEEPUS mobility, Faculty of Veterinary Medicine, Wroclaw University of Environment and Life Sciences, Poland (1 month);</li> <li>- 1995 - THEMPUS-PHARE Scholarship, Department of Pathology, Faculty of Veterinary Medicine, University of Liege, Belgium (February–May 1995).</li> </ul>
<b>RESEARCH PROJECTS MANAGEMENT QUALIFICATIONS</b>	<ul style="list-style-type: none"> <li>- <b>Project manager</b> – Professional Skills Certificate issued by the National Council of the Qualification and Vocational Training for Adults (CNCFPA), Regional Training Center for Adults Cluj, 07. 09. 2011/1819.</li> <li>- <b>Diploma</b> awarded in recognition of attending the <i>Management of European Projects Course</i>, 19-23 of November, 2007, organized by University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca.</li> </ul>
<b>ADDITIONAL INFORMATION:</b> Academic Committees	<ul style="list-style-type: none"> <li>- Member of the <b>Scientific Research Ethics Committee</b> of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, from 2012</li> <li>- 2012-Present-Member of the <b>Bioethics Committee</b> in UASVM Cluj-Napoca.</li> </ul>
Driving licence	<b>B and C</b>
<b>AWARDS AND DISTINCTIONS</b>	<ul style="list-style-type: none"> <li>- <b>2018 - Rewarding Research Outcomes</b>, for the Patent “Naphthalendione derivate used in experimental tumor growth control, Executive Board for Financing Higher Education, Research, Development &amp; Innovation (2018);</li> <li>- <b>2018 - Medal of Honor</b> - granted by the Rector of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, for outstanding</li> </ul>

academic activity accomplished in the academic year 2016-2017.

- **2017 - "Alexandru Locusteanu" Prize** - awarded by the General Association of Romanian Veterinarians, for the outstanding achievements in publishing high-value scientific treatises and original technical works in veterinary medicine domain: The XII National Congress of Veterinary Medicine, USAMV Cluj-Napoca, 20-23 September 2017.
- **2016 - Rewarding Research Outcomes** for 1 article published in Journal of Translational Medicine, offered by Executive Board for Financing Higher Education, Research, Development and Innovation (UEFISCDI) (Romania).
- **2012 - Gold Diploma and Gold Medal** for Patent "Immunoconjugates with cytotoxic natalendionic antiproliferative load", Brussels EUREKA - The Belgian and International Trade Fair for Technological Innovation (2012).
- **2011 - Professor Bologna** - Distinction awarded by the National Alliance of Student Organizations in Romania, in Cluj-Napoca, May 6<sup>th</sup> -7<sup>th</sup>, 2011.
- **2012 - Gold diploma and Gold medal** - for the Patent Immunoconjugates with cytotoxic natalendionic antiproliferative load, Brussels EUREKA - The Belgian and International Trade Fair for Technological Innovation.
- **2011 - Diploma of excellence and Silver medal** - for the Patent Immunoconjugates with cytotoxic natalendionic antiproliferative load, International Exhibition of Invention PROINVENT, IXth edition, Cluj-Napoca.
- **2007 - Diploma of excellence** for the outstanding results in the research activity in the year 2007, offered by the Rector of USAMV Cluj-Napoca.
- **2004 - Medal - Award for the Veterinary Medicine Advancement**, offered by the AGMVR (General Association of Veterinary Physicians from Romania), at the 9<sup>th</sup> National Congress of Veterinary Medicine, FVM Iasi.

Date | 25/04/2020

Prof. **Ioan Marcus**, DVM, PhD

A handwritten signature in blue ink, reading "Ioan Marcus". The signature is fluid and cursive, with "Ioan" on the left and "Marcus" on the right, connected by a flourish.

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## LIST OF THE SCIENTIFIC PAPERS PUBLISHED (1992-2018)

- 1) Vasile-Ioan MUNTEAN, Orsolya SÁRPATAKI, Adrian-Valentin POTÂRNICHE, Hemza MEGHZILI, Bogdan SEVASTRE and Ioan MARCUS, 2018, CALCULATION OF THE REQUIRED TRANSFUSION VOLUME IN ANAEMIC HOLSTEIN CALVES, Acta Veterinaria Hungarica 66 (4), pp. 542–552. DOI: 10.1556/004.2018.048 (IF=1,0420)
- 2) Sarpataki O, A.R. Codea, M. Mircean, I. Marcus, et all 2018, COMBINED THERAPY WITH CLINDAMYCIN, DOXYCYCLINE AND METRONIDAZOLE INDUCES COMPLETE STERILIZATION OF BABESIA GIBSONI INFECTION IN DOGS - A CASE REPORT, J Vet Intern Med 2018;32:525–609 (IF=2,185).
- 3) ALEXANDRA DREANCĂ, RADU A POPESCU, AMALIA NEAGU, GEORGE ENACRACHI, IULIA CIMPOEŞ, NICODIM FIT, MARIOARA MOLDOVAN, LAURA SILAGHI DUMITRESCU, ANCA JURJ, IOANA BERINDAN-NEAGOE, IOAN MARCUS, 2018, IN VITRO TESTING OF A POLYLACTIC POLYMER SYNTHESIZED FROM WHEY, STUDIA UBB CHEMIA, LXIII, 2, 93-103. DOI:10.24193/subbchem.2018.2.09 (IF=0,200)
- 4) ALEXANDRA DREANCĂ, MARIOARA MOLDOVAN, LAURA SILAGHI DUMITRESCU, ANCA JURJ, IOANA BERINDAN-NEAGOE, NICODIM FIT, IOAN MARCUS, 2018, IN VITRO TESTING OF A POLYLACTIC POLYMER SYNTHESIZED FROM WHEY, 4th International Conference on Biomedical Polymers & Polymeric Biomaterials | 15-18 July, Kraków, PL (P)
- 5) ILIOARA ONIGA, CRISTINA PUSCAS, RADU SILAGHI-DUMITRESCU, NELI-KINGA OLAH, BOGDAN SEVASTRE, RALUCA MARICA, IOAN MARCUS, ALEXANDRA CRISTINA SEVASTRE-BERGHIAN, DANIELA BENEDEC, CARMEN ELENA POP, AND DANIELA HANGANU, 2018, *Origanum vulgare* ssp. *Vulgare*: Chemical composition and biological studies; Molecules, 23, 2077; DOI:10.3390/MOLECULES23082077 (IF=3,268)
- 6) LAJOS RADULY, ROXANA COJOCNEANU-PETRIC, ORSOLYA SARPATAKI, SERGIU CHIRI, ATANAS G. ATANASOV, CORNELIA BRAICU, IOANA BERINDAN-NEAGOE, IOAN MARCUS, 2018, *Canis lupus familiaris* as relevant animal model for breast cancer - a comparative oncology review, Animal Science Papers and Reports, Vol. 36 (2018), no. 2, 119-148.
- 7) DANIELA PRODAN, MIUȚA FILIP, MĂRIOARA MOLDOVANA, I. PERHAIȚA, F. SCURTU, LAURA SILAGHI DUMITRESCU, ALEXANDRA DREANCA, IOAN MARCUS, 2018, Physico-chemical characterisation of some new dairy beverage based on lactoserum, Journal of Environ Protection and Ecology 19, No 2, 686–693 (IF=0,774)
- 8) PARE DRAMANE, HILOU ADAMA, ADRIAN POTÂRNICHE, MABOZOU KPEMISSI, ORSOLYA SÁRPATAKI, OUEDRAOGO NOUFOU, ALEXANDRA I. BLIDARU, MARIAN TAULESCU, GUENNE SAMSON, IOAN MARCUS, Sanda ANDREI and Bogdan SEVASTRE, 2018, *Caralluma Acutangula* Prevents Body Weight Gain in Rats Feed on Hyperlipidic Diet, Bulletin UASVM Veterinary Medicine 75(2), Print ISSN 1843-5270; Electronic ISSN 1843-5378; doi:10.15835/buasvmcn-vm:006617.
- 9) Alexandra DREANCĂ, Amalia Marina NEAGU, A.V. POTÂRNICHE, M. BLIDARU, Codruța SAROȘI, Mărioara MOLDOVAN, I. MARCUS, 2018, Classic and modern application of polylactic acid (PLA) within tissue engineering and other biomedical domains, Rev Rom Med Vet (2018) 28 | 2: 45-50, ISSN: 1220-3173 (printed), 2457-7618 (online)
- 10) POTÂRNICHE VALENTIN ADRIAN, ALEXNDRA IULIA DREANCĂ, ORSOLYA SARPATAKI, BOGDAN SEVASTRE, IOAN MARCUS, 2018, Experimental model of Streptozotocin-Nicotinamide induced Diaetes mellitus type II in Sprague-Dawley rats: step by step protocol and the encountered issues. Rev Rom Med Vet (2018) 28 | 2: 22-26.
- 11) AMALIA-MARINA NEAGU, IOAN MARCUS, 2017, Methods and techniques of investigation used for the study of the induced obesity in laboratory animals: theoretical concerns and practical challenges, Conference of the Romanian Society of Pathophysiology, Clujul Medical 2017, Vol.90 –Supplement No. 5, pg. S45.
- 12) VASILE MULTLEAN, BOGDAN SEVASTRE, I.MARCUS, 2017, Effect of whole blood transfusion on biochemical and plasmatic oxidative stress in holstein calves, Clujul Medical 2017, Vol.90 –Supplement No. 5, pg. S46.
- 13) LAJOS RADULY, ROXANA COJOCNEANU-PETRIC, LAURA-CODRUTA POP, ANCUTA-MARIA JURJ. IOANA BERINDEAN-NEAGOE, IOAN MARCUS, 2017, Comparative mirnas expression analysis in human and canine breast cancer, Conference of the Romanian Society of Pathophysiology, Clujul Medical 2017, Vol.90 –Supplement No. 5, pg. S47.
- 14) MABOZU KPEMISSI, ADRIAN POTARNICHE, ALEXANDRA C. SEVASTRE-BERGHIAN, ANDREI MOCAN, KWASHIE EKLU-GADEGBEKU, PARE DEMANE, MAMATCHI MELILA, KODJO AKIKOKOU, MESSANVI GBEASSOR, MARIAN TAULESCU, SANDA ANDREI, I.MARCUS, BOGDAN SEVASTRE, 2017, Neuroprotective effect of *Combretum micranthum* on streptozotocin-nicotinamide induced diabetic rats. Clujul Medical 2017, Vol.90 –Supplement No. 5, pg. S48.
- 15) ALEXANDRA BLIDARU, MĂRIOARA MOLDOVAN, IOAN MARCUS, 2017, Classic and modern applications of polylactic acid (PLA) regarding tissue engineering in experimental bone defects, Clujul Medical, Vol. 90/2017, Suppl. 5, pg. S122.
- 16) ALEXANDRA DREANCĂ, LUCIA BEL, BOGDAN SEVASTRE, IOAN MARCUS, 2017, Applications of Rat Grimace Scale Method in Postoperative Pain Management in Rats, Bulletin UASVM Veterinary Medicine 74(1) / 2017, Print ISSN 1843-5270; Electronic ISSN 1843-5378. DOI:10.15835/buasvmcn-vm: 12391.
- 17) DOINA PRODAN, MIUȚA FILIP, IOANA PERHAIȚA, MIHAELA VLASSA, VIOLETA POPESCU, IOAN MARCUS, MARIOARA MOLDOVAN, 2017, The influence of minerals and lactose content on the stability of whey proteins powders, STUDIA CHEMIA, NR. 4 (IF=0,248)

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- 18) HOSTIUC SORIN, MOLDOVEANU A., DASCĂLU M.I, UNNTHORSSON R, JÓHANNESSEN ÓI, MARCUS IOAN, 2016, Translational research: the need of a new bioethics approach. *J of Translational Medicine*, 14:1-10. (**IF=3.936**)
- 19) ALEXANDRA IULIA DREANCĂ, IOAN MARCUS, 2016, The biological effects of the bovine milk extract (Efectele biologice ale extractului din lapte de bovine), *Rev Rom Med Vet*, Vol. 26 | Nr. 1: 60-66.
- 20) MUNTEAN V, I MARCUS, 2016, Techniques of Anesthesia and Blood sampling in Fish (Tehnici de Anestezie și Recoltarea probelor de sânge la pești), *Rev Rom Med Vet*, Vol. 26 | Nr. 1: 53-59.
- 21) AMALIA MARINA NEAGU, I. MARCUS, A. GAL., 2016, Vaccine associated sarcoma in cats: epidemiological and histopathological issues (Sarcoamele postvaccinale la pisică), *Rev Rom Med Vet*, Vol. 26 | Nr. 1: 27-36.
- 22) IOANA BEDECEAN, RALUCA VIDRIGHINESCU, ORSOLYA SARPATAKI, ANDRAS NAGY, BOGDAN SEVASTRE, **IOAN MARCUS**, 2015, Dose dependent results in an induced model of chronic hepatitis with CCl4 in mice, *Bulletin UASVM, Veterinary Medicine*, 72 (1).
- 23) IOANA BEDECEAN, BOGDAN SEVASTRE, RALUCA VIDRIGHINESCU, ANDRAS NAGY, ROXANA L. STAN, DANIELA BENEDEC, DANIELA HANGANU AND **IOAN MARCUS**, 2015, Protective effect of rosmarinus officinalis ethanolic extract against ccl4-induced liver damage in rats, *Bulletin UASVM, Veterinary Medicine* 72 (2).
- 24) SORIN HOSTIUC, DIANA BADIU, TONY L. HANGAN, MIHAELA HOSTIUC, IRINA RENTEA, ADINA LUNGU, ALEXANDRA VRAPCIU, **IOAN MARCUS**, SIMONA VLADAREANU, DAN NAVOLAN, CONSTANTIN RUSU MUGUREL, IRINA RENTEA, IONUT NEGOI, 2015, *Whole genome sequencing followed by preimplantation genetic diagnosis. A translational approach to ethical issues*, Gineco.eu [11] 128-130 [2015] DOI: 10.18643/gieu.2015.128, (**ISI**).
- 25) **MARCUS IOAN**, SORIN HOSTIUC, IRINA RENTEA, ION COPOERU, CORINA CATANA, ASSYA PASCALEV, TATIANA GAZIBARA, MARIA ALUAS, 2015, Bioethical approaches and Responsible conduct in Translational research: ca case study on developing a Center of Education and Research in Bioethics within the Life sciences area, International Symposium of UASVM Cluj-Napoca, Book of Abstracts, pg. 614.
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Cluj-Napoca, 25/04/2020

Prof. Marcus Ioan, DVM, PhD

A handwritten signature in blue ink that reads "Ioan" followed by "marcus". The signature is fluid and cursive, with a small red dot above the letter "i" in "marcus".