

# CURRICULUM VITAE

(21 FEBRUARY 2015)

## PERSONAL DETAILS

Last name: **MIHALCA**  
First names: **Andrei Daniel**  
Birth date: **20.01.1978**  
Birth Place: **Cluj-Napoca**  
Nationality: **Romanian**  
Marital status: **Married, two children**  
Mailing Address: **Calea Mănăştur 3-5, Cluj-Napoca, 400372**  
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Academic degree: **Associate professor**  
Other degrees: **PhD in Medical Sciences (Veterinary Medicine) (2007)**  
PhD supervision: **Since 2013**  
Professional degrees: **Diplomate of European College of Zoological Medicine**

## EDUCATION

- 1992-1996 "Avram Iancu" High-School, Cluj-Napoca, class of computer science.
- 1996-2002 University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, Degree of Doctor of Veterinary Medicine (DVM).
- 2002-2003 University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, "Laboratory diagnostics and pathology" master degree
- 2002-2007 University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, PhD in Medical Sciences (Veterinary Medicine) with the topic „Parasitic fauna of the European pond turtle (*Emys orbicularis*), sand lizard (*Lacerta agilis*) and grass snake (*Natrix natrix*) in Romania”, supervisor Prof. Vasile Cozma.

## ACADEMIC CAREER

- 2002-2003 University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, Department of Parasitology and Parasitic Diseases, PhD Student.
- 2003-2006 University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, Department of Parasitology and Parasitic Diseases, pre-assistant lecturer.
- 2006-2009 University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, Department of Parasitology and Parasitic Diseases, assistant lecturer.
- 2009-2013 University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, Department of Parasitology and Parasitic Diseases, senior lecturer.
- 2013- University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Faculty of Veterinary Medicine, Department of Parasitology and Parasitic Diseases, associate professor.
- 2012- University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Vice-rector for International Relations.

## TEACHING ASSIGNMENTS

- 2008-2015 Animal biology and ecology (1st year, English program).
- 2010-2015 Parasitology and Parasitic Diseases (3rd year, English program).
- 2012-2015 Diseases and clinics of new pets (6th year, English and Romanian programs).

## INTERNATIONAL STUDY/TEACHING MOBILITY

- 15.03.2000-15.06.2000 Erasmus (Portugal): Universidad Técnica de Lisboa, Faculdade de Medicina Veterinária.
- 22.09.2003-29.09.2003 Erasmus (Italy): Università degli Studi di Bari Aldo Moro, Facoltà di Medicina Veterinaria.
- 10.05.2004-14.05.2004 Erasmus (Italy): Università degli Studi di Teramo, Facoltà di Medicina Veterinaria.
- 01.06.2004-21.06.2004 CEEPUS (Hungary): Szent István University Budapest, Állatorvos-tudományi.
- 03.08.2006-02.11.2006 Nicolae Titulescu (Czech Republic): Veterinární a farmaceutická univerzita Brno.
- 15.04.2008-18.04.2008 Erasmus (Czech Republic): Veterinární a farmaceutická univerzita Brno.
- 23.09.2009-28.09.2009 Erasmus (Italy): Università degli Studi di Teramo, Facoltà di Medicina Veterinaria.
- 24.02.2010-01.03.2010 Erasmus (Czech Republic): Veterinární a farmaceutická univerzita Brno.
- 07.05.2011-12.05.2011 Erasmus (Czech Republic): Veterinární a farmaceutická univerzita Brno.
- 20.09.2011-25.09.2011 Erasmus (Portugal): Universidad Técnica de Lisboa, Faculdade de Medicina Veterinária.
- 10.03.2012-14.03.2012 Erasmus (Czech Republic): Veterinární a farmaceutická univerzita Brno.
- 20.09.2012-25.09.2012 Erasmus (Spain): Universidad CEU Cardenal Herrera.
- 13.05.2013-17.05.2013 Erasmus (Czech Republic): Veterinární a farmaceutická univerzita Brno.
- 22.10.2014-26.10.2014 Erasmus (Czech Republic): Univerzita Karlova v Praze, Prague

## TRAINING STAGES ABROAD

- 24.04.2000-28.04.2000 veterinary practical training, Lisbon Oceanarium, Portugal.
- 10.05.2000-25.05.2000 veterinary practical training, Lisbon Zoo, Portugal.
- 01.06.2002-10.06.2002 veterinary practical training, Wildlife Rehabilitation Centre, Lisbon, Portugal.
- 13.03.2003 Training „Software tools for integrated management of research and development projects”, Bucharest, Romania.
- 07.06.2004-11.06.2004 veterinary practical training, Budapest Zoo, Hungary.
- 14.06.2004-18.06.2004 veterinary practical training, Exotic Pet Clinic, Faculty of Veterinary Medicine, Budapest, Hungary.
- 26.11.2005-06.12.2005 training in molecular parasitology, Faculty de Veterinary Medicine Brno, Czech Republic.
- 16.04.2007-23.04.2007 workshop „Use of molecular biology in parasitology”, Cluj-Napoca, Romania.

## COORDINATOR/PRINCIPAL INVESTIGATOR OF RESEARCH GRANTS/PROJECTS

- 2013-2017 COST TD1303: “EurNegVec - European Network for Neglected Vectors and Vector-borne infections” (coordinator).
- 2015-2017 ECDC Tender OJ/24/04/2014-PROC/2014/013: Guidance, data collection and scientific advice on tick-borne diseases
- 2013 PR&D 0290505 (Confidential) (principal investigator).
- 2011-2015 PNII-PCE 236/2011: “Geospatial approach to the ecology, distribution and vectorial role of parasitic Arthropoda” grant value 1,451,340 RON (coordinator).
- 2012 PR&D 02509 (Confidential) (principal investigator).
- 2012 PR&D 02657 (Confidential) (principal investigator).
- 2010-2013 PNII PCCE 7/2010: “Fundamental and applied studies on the ecoepidemiology, biology and molecular biology of Lyme disease vectors” partner budget share 1,160,000 RON (principal investigator).
- 2005-2006 CNCSIS Td “The study of *Dracunculus oesophageus* in snake of genus *Natrix*” grant value 11,000 RON (coordinator).
- 2003-2004 CNCSIS Td “Biodiversity of parasitic fauna of wild reptiles” grant value 3,600 RON (coordinator).

## TEAM MEMBER IN OTHER RESEARCH PROJECTS

- 2014-2014 COST FA1408 “A European Network for Foodborne Parasites (Euro-FBP)” representative of Romania in the Management Committee of the Action
- 2014-2018 COST TD1404 “Network for Evaluation of One Health (NEOH)” representative of Romania in the Management Committee of the Action and member of the Working Group 2 “Framework application”
- 2013-2017 COST TD1302 “European Network on Taeniosis/Cysticercosis” - representative of Romania as Management Committee substitute and member of the Working Group 1 “Epidemiology”

- 2013-2015 PNII-PCCA-110/2012 “A prophylactic strategy for coccidiosis in broilers by using an *Artemisia annua* extract”
- 2011-2014 CZ.1.07/2.2.00/28.0288 “Internationalization of veterinary education as a way to European employment market”.
- 2008-2011 PN II “Molecular epidemiology of cystic echinococcosis in humans and animals from south and north-western Romania”
- 2008-2010 PN II 52-177/2008 “Epidemiology, diagnosis pathogenesis and immunology in bovine and canine neosporosis in north-western, central and southern Romania”.
- 2008-2009 PN II 82/CPI/5.09.2008 “Development of a research centre and reference laboratory for parasitic zoonoses in Transylvania”.
- 2007-2010 PN II 51-034/2007 “Epidemiological chains and control possibilities in human and animal cryptosporidiosis”
- 2007-2009 CNMP PC 51-072 “Improved methods for identification of food colorants in beverages”
- 2007-2008 CNC SIS “Immune diagnosis, molecular epidemiology, phytotherapy and immune prophylaxis in eimeriosis of chicken and quail”
- 2006-2008 CEEEX 99/2006 “Evaluation and interdisciplinary optimizing of screening, diagnosis and treatment of echinococcosis and trichinellosis in humans and animals from central and north-western Romania”.
- 2006-2008 CEEEX 121/2006 “Connecting Romania to the European network of research, surveillance and control of emergent infectious and parasitic diseases in wildlife”.
- 2006-2007 CEEEX 78/2006 “Building a national network for studying parasitic zoonoses and their role in food security”.
- 2005-2008 CNC SIS tip A nr. 1130 “Parasitic fauna of game avian species: mallard (*Anas platyrhynchos*), Eurasian coot (*Fulica atra*) and great cormorant (*Phalacrocorax carbo*) from Danube Delta Biosphere Reserve”
- 2004-2005 World bank “Optimizing the technology of production and implementing the European concept of food safety in dairy farms from Alba, Bihor and Cluj Counties”

#### **INVITED EXPERT**

- EU-EFSA AND ECDC VECTORNET “A European network for sharing data on the geographical distribution of arthropod vectors, transmitting human and animal disease agents”
- FP7-KBBE-2011-5 Companion Animals multisectorial interprofessional Interdisciplinary Strategic Think tank On zoonoses
- ESCMID Study Group on Veterinary Microbiology (ESGVM)
- Selection Board Erasmus Mundus: BioHealth Computing European Master

#### **MEMBER IN THE EDITORIAL BOARD AND REVIEWER FOR JOURNALS AND OTHER EVALUATION BOARDS**

- Editorial Board: BMC Veterinary Research (IF 1.743), North Western Journal of Zoology (IF 0.700), International Journal for Parasitology: Parasites and Wildlife, Scientia Parasitologica, National Geographic Magazine Romania.
- Reviewer: Parasites and Vectors (IF 3.251), Veterinary Parasitology (IF 2.545), Medical and Veterinary Entomology (IF 2.333), Experimental Parasitology (IF 1,859), Experimental and Applied Acarology (IF 1,821), Journal of Vector Ecology (IF 1.436), Journal of Parasitology (IF 1,258), Zootaxa (IF 1,060), Acta Parasitologica (IF 0,965), North-Western Journal of Zoology (IF 0.700), Acta Herpetologica (IF 0.812), Biologia (IF 0.696), Turkish Journal of Zoology (IF 0.585), Turkish Journal of Veterinary and Animal Sciences (IF 0.316), Frontiers in Public Health, Frontiers in Systems Biology, Journal of Parasitology and Vector Biology, International Journal for Parasitology: Parasites and Wildlife, African Journal of Microbiology Research, Scientia Parasitologica, Mertensiella, Herpetology Notes, Travaux du Muséum National d’Histoire Naturelle “Grigore Antipa”, Herpetologica Romanica, African Journal of Herpetology, AACL Bioflux, Rubriq.
- Peer-review expert for CNCS
- Selection Board (Erasmus Mundus BioHealth Computing)

#### **OVERVIEW OF PUBLICATION OUTPUT (LIST OF PAPERS IN ANNEX)**

Papers in peer-reviewed journals with impact factor: 54

Total impact factor: 120.079 (average per article 2.224)

Number of citations in WoK: 171

ISI Proceedings papers: 12

Other papers: 25

Papers in conference proceedings: 80

Popular science articles: 4

H-index (Web of Science) = 8  
H-index (Google Scholar) = 10  
Books and chapters in books: 11

#### RESEARCH STAGES ABROAD

- 30.08.2006-30.10.2006 scientific expedition Kenya, Uganda.
- 01.09.2007-05.10.2007 scientific expedition Kenya.
- 29.09.2009-04.11.2009 scientific expedition Kenya.
- 02.01.2012-01.02.2012 scientific expedition Kenya.
- 07.04.2013-30.04.2013 scientific expedition Ivory Coast.
- 01.09.2014-02.10.2014 scientific expedition Central African Republic.

#### INVITED SPEAKER

- 23.06.2005 Uppsala, Sweden: Uppsala Herpetological Society, "*Frequent reptile diseases*"
- 28.11.2005 Brno, Czech Republic: "*Parasites of wild reptiles in Romania*"
- 15.02.2007 Teramo, Italy: Gli animali non convenzionali: Aspetti di sanita dei serpenti e delle tartarughe "*Tartarughe d'acqua dolce: Biologia e medicina di Emys orbicularis e Trachemys scripta elegans*"
- 01.11.2010 Bucharest, Romania: "Ticks and their ecological role as vectors for Lyme disease"
- 18.11.2010 Bucharest, Romania: The Second Annual Zoological Congress of "Grigore Antipa" Museum, cu lucrarea "*Parasites - biodiversity or pest?*"
- 11.03.2012 Brno, Czech Republic: "*Where waters meet*" (project CZ.1.07/2.2.00/28.0288)
- 27.07.2012 Cluj-Napoca, Romania: XI European Multicolloquium of Parasitology "*Arthropod parasites of endangered vertebrates: threatened or threatening?*"
- 25.11.2012 Cluj-Napoca, Romania: School of Advanced Studies "Human-Animal Interactions: Modern Zoo Management, Animal Welfare and Behavioral Enrichment" "*Introduction in parasitology: The unseen animals in the Zoo – theoretical and practical principles*" and "*Human-dog interaction in Kenya: back to the early days of domestication*"
- 14.05.2013 Brno, Czech Republic: "*Where waters meet*" (CZ.1.07/2.2.00/28.0288)
- 15.10.2013 Chernivtsi, Ukraine: XIV Conference of the Ukrainian Scientific Society of Parasitologists "*Vector-borne diseases of dogs: a One-Health approach*"
- 23.10.2013 Brussels, Belgium: CALLISTO Conference, "*Parasitic zoonoses and pets in Romania*"
- 10.08.2014 Mexico City, Mexico: XIII International Congress of Parasitology, "*Tick borne diseases in Central and Eastern Europe*"
- 19.11.2014 Bucharest, Romania: The Sixth Annual Zoological Congress of "Grigore Antipa" Museum, "Threatened or threatening? Conservation biology of parasites and their host"

#### PRESENCE IN OTHER INTERNATIONAL MEETINGS

- 11.04.2002-12.04.2002 Debrecen, Hungary: Innováció, a tudomány és a gyakorlat egysége az ezredforduló agráriumban.
- 21.03.2003-23.03.2003 Budapest, Hungary: Veterinary Science and Nature Conservation.
- 11.08.2003-17.08.2003 Miskolc, Hungary: 4<sup>th</sup> International Conference for PhD.
- 12.05.2004-13.05.2004 Teramo, Italy: Gli animali non convenzionali: Aspetti di sanita dei serpenti e delle tartarughe.
- 21.06.2005-22.06.2005 Copenhagen, Denmark: International Conference on Emerging Snail Borne Helminthic Diseases.
- 23.11.2005 Budapest, Hungary: Tudományos Diákköri Konferencia.
- 08.05.2006-12.05.2006 Redkovec, Czech Republic: Helminthological Days.
- 09.12.2007-12.12.2007 Madison, WI, SUA: 68th Midwest Fish & Wildlife Conference.
- 11.06.2008-14.06.2008 Stara Zagora, Bulgaria: Parasitology Days in Bulgaria.
- 18.11.2009-20.11.2009 Belgrade, Serbia: SerbParZoon: Parasitic zoonoses in present day Europe. Focus on South-East.
- 26.09.2010-29.09.2010 Ljubljana, Slovenia, 12th International Conference on Lyme Borreliosis.
- 21.08.2011-25.08.2011 Buenos Aires, Argentina: 23rd International Conference of the World Association of Veterinary Parasitology.
- 30.11.2012 Budapest, Hungary: Symposium on the Ecology, Evolution, and Behavior of Parasites and Pathogens.
- 12.06.2013-14.06.2013 Joensuu, Finland: IROICA Annual Conference 2013.
- 08.11.2013-12.11.2013 Kuching, Malaysia: 2nd Global Conference on Entomology.
- 28.04.2014-01.05.2014 Valletta, Malta: Domain Committee Meeting: COST Biomedicine and Molecular Biosciences.

- 10.06.2014-12.06.2014 Leuven, Belgium: IROICA Annual Conference 2014.
- 17.11.2014-18.11.2014 Bruxelles, Belgium, NEOH Kick-Off Meeting
- 26.01.2015-29.01.2015 Parma, Italy, VectorNet Annual Meeting
- 17.02.2015-19.02.2015 Stockholm, Sweden, ECDC Tender Kick-Off Meeting

#### **PRESENCE IN SCIENTIFIC MEETINGS IN ROMANIA**

- 02.09.1999-03.09.1999 Cluj-Napoca, România: Cost Action 833: Mange and Myiasis in Livestock.
- 17.10.2000-20.10.2000 Băile Felix, România: Al VIII-lea Congres Național de Medicină Veterinară.
- 25.10.2001-27.10.2001 Cluj-Napoca, România: Al XXVII-lea simpozion "Actualități în creșterea și patologia animalelor domestice".
- 13.10.2001 București, România: Conferința pentru perfecționarea continuă sub tutela revistei "Ghidul canin".
- 06.04.2002-07.04.2002 Sinaia, România: Seminarul Științific de Parazitologie organizat de firma Intervet.
- 10.04.2002 Cluj-Napoca, România: Sesiunea de comunicări științifice studențești.
- 04.10.2002-05.10.2002 Galați, România: A XIII-A Conferință Națională de Parazitologie.
- 17.10.2002-20.10.2002 Cluj-Napoca, România: Al XXVIII-lea simpozion "Actualități în creșterea și patologia animalelor domestice".
- 15.03.2003 București, România: Seminarul Revistei "Ghidul canin".
- 09.10.2003-11.10.2003 Cluj-Napoca, România: Al XXIX-lea simpozion "Actualități în creșterea și patologia animalelor domestice".
- 23.04.2004 Cluj-Napoca, România: Simpozionul Aniversar Victor Babeș.
- 20.10.2004-23.10.2004 Cluj-Napoca, România: Third Millenium Agriculture, USAMV Cluj-Napoca.
- 06.10.2005-08.10.2005 Cluj-Napoca, România: Third Millenium Agriculture, USAMV Cluj-Napoca.
- 02.11.2006-03.11.2006 Cluj-Napoca, România: Conferința „Medicina veterinară și animalele sălbatice.
- 10.04.2006-12.04.2006 Timișoara, România: Conferința anuală a FMV Timișoara.
- 02.03.2007-03.03.2007 Cluj-Napoca, România: Conferința „Bolile transmisibile emergente la reptile sălbatice”.
- 22.03.2007-23.03.2007 Cluj-Napoca, România: Conferința „Bolile transmisibile emergente la păsări și mamifere sălbatice”.
- 04.10.2007-07.10.2007 Cluj-Napoca, România: Third Millenium Agriculture, USAMV Cluj-Napoca
- 06.11.2008-08.11.2008 Cluj-Napoca, România: A XVII-a Conferință Națională de Parazitologie.
- 26.09.2013-27.09.2013 Cluj-Napoca, România: Third Millenium Agriculture, USAMV Cluj-Napoca
- 08.04.2014-11.04.2014 Cluj-Napoca, România: 1st Conference on Neglected Vectors and Vector-Borne Diseases (EurNegVec): with MC and WG Meeting of the COST Action TD1303

#### **FINANCIAL PRIZES OFFERED BY THE GOVERNMENT**

- 2 CNCSIS Bd type scholarships(2003-2005)
- 20 awards for scientific papers.

#### **FOREIGN LANGUAGES:**

- English (Level C2)

#### **OTHER RELEVANT KNOWLEDGE:**

- excellent computer Proficiency.
- photography.
- research project management.
- summer school management.
- driving licence.
- 3 years small animal clinical practice.
- TV and Radio producer for animal-related shows
- scientific advisor for National Geographic Magazine

#### **MEMBER IN PROFESSIONAL ASSOCIATIONS**

- Asociația Generală a Medicilor Veterinari din România (AGMVR)
- Colegiul Medicilor Veterinari din România (CMVR)
- Fundația Scientia Parasitologica Pro-Vita (FSPPV)
- Societatea Română de Herpetologie (SRH)
- Asociația Parazitologilor din România (APR)