

MUSTEAȚĂ MIHAI

DVM, MSc, PhD

Personal info

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Professional experience

Period 08.03.2021 – present
Job IULS VTH Emergency Unit Coordinator

Period 01.09.2021 - present
Job Associate professor
Main activities and responsibilities Didactic activity (course, seminars, clinical guidance) in Internal medicine of companion animals; Neurology and physiotherapy, Medical clinic and specific clinical lectures; Clinical lectures – companion animals for IV, V, VI-year students
Clinical activity (internal medicine and neurology) in the Internal medicine Clinic of the IULS VTH
Research activity – clinical studies of neurocardiology and neuroimaging. Basic research in dog CSF neurometabolomics
Name and address of employer Universitatea de Științe Agricole și Medicină Veterinară "Ion Ionescu de la Brad" Iași
Al. Mihail Sadoveanu 8, 700489, Iași, România
Type of activity Didactic activity, research

Period 01.09.2017 – 01.09.2021
Job Lecturer
Main activities and responsibilities Didactic activity (course, seminars, clinical guidance) in Internal medicine of companion animals; Neurology and physiotherapy, Medical clinic and specific clinical lectures; Clinical lectures – companion animals for IV, V, VI-year students
Clinical activity (internal medicine and neurology) in the Internal medicine Clinic of the IULS VTH
Research activity – clinical studies of neurocardiology and neuroimaging. Basic research in dog CSF neurometabolomics
Name and address of employer "Ion Ionescu de la Brad" Iași University of Life Sciences
Al. Mihail Sadoveanu 8, 700489, Iași, România
Type of activity Didactic activity, research

Period 01/10/2012 – 01/09/2017
Job Asistent universitar doctor
Main activities and responsibilities Didactic activity (seminars, clinical guidance) in Internal medicine of companion animals; Medical clinic and specific clinical lectures; Clinical lectures – companion animals for IV, V, VI-year students
Clinical activity (internal medicine and neurology) in the Internal medicine Clinic of the IULS VTH
Research activity – clinical studies of neurocardiology and neuroimaging. Basic research in dog CSF neurometabolomics
Name and address of employer "Ion Ionescu de la Brad" Iași University of Life Sciences
Al. Mihail Sadoveanu 8, 700489, Iași, România



Type of activity Didactic activity, research

Period 28/07/2010 – 27/07/2012

Job Principal investigator UEFISCDI grant PD 628/2010

Main activities and responsibilities Postdoctoral researcher: project management, research reports, experimental work

Name and address of employer "Ion Ionescu de la Brad" Iași University of Life Sciences
Al. Mihail Sadoveanu 8, 700489, Iași, România

Type of activity Research

Period 10/10/2008 – 27/07/2010

Job Postdoctoral researcher, PNII 62-085/2008

Main activities and responsibilities Research, research reports, experimental work

Name and address of employer "Ion Ionescu de la Brad" Iași University of Life Sciences
Al. Mihail Sadoveanu 8, 700489, Iași, România

Type of activity Research

Period 01/01/2004 – 10/10/2008

Job Doctoral student

Main activities and responsibilities Research; Didactic activity

Name and address of employer "Ion Ionescu de la Brad" Iași University of Life Sciences
Al. Mihail Sadoveanu 8, 700489, Iași, România

Type of activity Research

Period 01/09/2002 – 01/01/2004

Job veterinarian

Main activities and responsibilities Clinical activity

Name and address of employer SC Teovet SRL Iași

Type of activity Clinical activity

Education

Period November 2020-January 2021

Job Neurologist

Main activities and responsibilities Veterinary neurology, Advance imaging, Electrodiagnostic

Name and address of employer MICEN Vet Hospital, Creteil, France

Period September 2020

Qualification Extern in neurology

Professional skills acquired Veterinary neurology, Advance imaging

Institution MICEN Vet Hospital, Creteil, France

Period September 2019

Qualification Veterinary advanced neuroimaging – Intensive course
Veterinary neurophthalmology – Intensive course

Institution European College of Veterinary Neurology, Wroclaw, Polonia



Period July – August 2018
Qualification Attendance certificate
Professional skills acquired Advanced neuroimaging, Advanced neurosciences
Institution European College of Veterinary Neurology, Bologna, Italia

Period June 2018
Qualification ERASMUS Teaching mobility
Professional skills acquired Teaching and clinical activities
Institution Faculty of Veterinary Medicine, University Federico II, Naples, Italy

Period September 2018
Qualification Veterinary electroencephalography – Intensive course
Professional skills acquired European College of Veterinary Neurology, Helsinki, Finland

Period July 2017
Qualification Extern in neurology
Professional skills acquired Veterinary neurology, Advanced imaging
Institution MICEN Vet Hospital, Creteil, France

Period July 2017
Qualification ERASMUS Teaching mobility
Professional skills acquired Teaching and clinical activities
Institution Faculty of Veterinary Medicine, University Federico II, Naples, Italy

Period July 2016
Qualification ERASMUS Teaching mobility
Professional skills acquired Teaching and clinical activities
Institution Faculty of Veterinary Medicine, Zagreb University

Period June 2015
Qualification ERASMUS Teaching mobility
Professional skills acquired Teaching and clinical activities
Institution Faculty of Veterinary Medicine, University Federico II, Naples, Italy

Period October 2015
Qualification Extern in neurology
Professional skills acquired Veterinary neurology, Veterinary neurosurgery, Advanced imaging
Institution Koret VTH, The Hebrew University of Jerusalem, Israel

Period October 2012- October 2013
Qualification Certificate
Professional skills acquired Psychopedagogy of education, classroom management
Institution "Ion Ionescu de la Brad" Iași University of Life Sciences
Al. Mihail Sadoveanu 8, 700489, Iași, România
Department of Teaching Staff Training

Period November 2011
Qualification Researcher
Professional skills acquired Veterinary neurology, Advance imaging, Electrodiagnostic
Institution Purdue University, West Laffayette, Indiana, USA

Period February – March 2011
Qualification Researcher
Professional skills acquired Veterinary neurology, Advance imaging, Electrodiagnostic
Institution Purdue University, West Laffayette, Indiana, USA

Period 01/01/2004 – 10/10/2008
Qualification PhD
Professional skills acquired Veterinary neurology, Advanced imaging, Electrodiagnostic
Institution "Ion Ionescu de la Brad" Iași University of Life Sciences
Al. Mihail Sadoveanu 8, 700489, Iași, România

Period Mai – august 2007
Qualification Researcher ERASMUS program
Professional skills acquired Veterinary neurology
Institution Ecole Nationale Veterinaire d Alfort, Franța

Period 01/10/2002 – 01/08/2003
Qualification Master degree
Professional skills acquired Veterinary clinic and therapy
Institution "Ion Ionescu de la Brad" Iași University of Life Sciences
Al. Mihail Sadoveanu 8, 700489, Iași, România

Period 1996 – 2002
Qualification Bachelor diploma
Professional skills acquired Veterinary medicine
Institution "Ion Ionescu de la Brad" Iași University of Life Sciences
Al. Mihail Sadoveanu 8, 700489, Iași, România

Scientific activity

Veterinary neurology, electrodiagnostic, neurophysiology, neuroimaging, neurocardiology, metabolomics.

Research grants

Principal investigator grant PD 628/2010, PAE 3204/2023, PAE 3204/2023
Research team member - 6 grants

A. **Principal investigator** MC 2018/0275
Source of funding UEFISCDI
Funding 16976 LEI
Project type Mobility

B. **Principal investigator** PD 62-085/2010

Source of funding UEFISCDI
Funding 340000 lei
Title Relationship between bioelectrical activity and neuroimaging behavior of brain parenchyma in epileptic dogs

- Main publications
1. **Musteata M**, Neculae I, Armasu M, Balan CB, Solcan G, (2013) Brainstem auditory evoked potentials in healthy cats recorded with surface electrodes, Acta Veterinaria Brno, 82: 97-101 doi:10.2754/avb201382010097,
 2. **Musteata M**, Nicolescu A, Solcan G, Deleanu C (2013) The ¹H NMR Profile of Healthy Dog Cerebrospinal Fluid. PLoS ONE 8(12): e81192. doi:10.1371/journal.pone.0081192
 3. **Musteata M**, Nicolescu A, Solcan G, Deleanu C, 2013, Identification and quantitative assesment of metabolites from canine cerebrospinal fluid (CSF) using 1H NMR, PROCEEDINGS 25th Symposium ESVN-ECVN GHENT, Belgium 13th-15th September 2012. Journal of Veterinary Internal Medicine, 27: 390-420. doi: 10.1111/jvim.12068

C. **Principal investigator** Grant 11608/2022
Source of funding SSM research grant
Funding 63000 lei
Title The impact of anticonvulsant therapy on dogs with epilepsy by electrodiagnostic studies and blood markers
Main publications 1. **Musteata M.**, Raluca Ștefănescu, Denis Gabriel Borcea, Gheorghe Solcan. "Very low frequency spike-wave complex partial motor seizure mimicking canine idiopathic head tremor syndrome in a dog", *Vet. Sci.* 2023, 10, 472. <https://doi.org/10.3390/vetsci10070472>, WOS:001036574600001 (FI – 2.4; Q1)

D. **Principal investigator** Grant 3204/2023
Source of funding SSM research grant
Funding 13500 lei
Title "Evaluation of the clinical performance of Vcheck M Babesia gibsoni/canis developed by BIONOTE Inc. in whole blood (EDTA) of dogs" .

E. **Research team member** PNII – 62085/2008 Transplant autolog de țesut neural din mucoasa olfactivă și celule stem în tratamentul leziunilor măduvei spinării la câine
60PCCDI/2018 Obținerea și expertizarea unor noi materiale biocompatibile pentru aplicații medicale

Biotech 3345 Optimizarea randamentului biosintetic al unor tulpini de Claviceps purpurea prin biotehnologia de hibridare somatică și stabilirea unor noi domenii de utilizare biomedicală și biopesticidă a alcaloizilor ergolinici

Programul CEEEX Agral 15/2005 Caracterizarea unor principii bioactive de origine vegetală și fungică, cu acțiune citostatică, imunomodulatoare, metabolică și neurotropă și valorificarea lor în alimentația funcțională

Programul CEEEX , Biotech, 110/2006, Obținerea unor tulpini submerse de Claviceps purpurea cu preferențială și înaltă capacitate glucanosintetică și stabilirea domeniilor de valorificare biomedicală a unor preparate glucanice autohtone

PN2 51-004/2007 Program integrat de supraveghere a sănătății și îmbunătățirii calității producției la taurine.

Prices / Disctintions 13 papers .

Professional associations

AGMVR, Societatea Română de Neurologie, Neurochirurgie și Medicină Comportamentală Veterinară,
European Society of Veterinary Neurology

Assoc. prof. Mihai MUSTEATĂ, PhD

