

Marian TAULESCU

Assoc. Prof., DVM, MSc, PhD, Diplomate ECVF

EBVS® European Veterinary Specialist in Anatomic Pathology

EBVS National Representative for Romania

Vice-Rector for International Relations, UASVM Cluj-Napoca



Associate Professor, Department of Veterinary Pathology, Faculty of Veterinary Medicine, UASVM Cluj-Napoca, Romania

Director of ECVF Residency Training Center Cluj-Napoca (@VetPathFVMCN)

Coordinator of Internship Programme in Veterinary Pathology, UASVMCN, Romania

Invited Associate Professor, Department of Veterinary Pathology, Koret School of Veterinary Medicine, Hebrew University, Israel

Veterinary pathologist (part-time), SYNEVOVET laboratories, Bucharest, Romania

PERSONAL INFORMATION

Date of Birth April 14, 1982, Dumbraveni (Vrancea County), Romania

Nationality Romanian

Professional Address Department of Veterinary Pathology, Faculty of Veterinary Medicine
ECVP Residency Training Center Cluj-Napoca (@VetPathFVMCN)
University of Agricultural Sciences and Veterinary Medicine (UASVM),
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EDUCATION

- 2018 **ECVP Certification (Diplomate ECVP); EBVS[®]** European Specialist in Veterinary Pathology
- 2014-2017 **ECVP Residency training**, Università degli Studi di Milano (Italy).
Supervisor: Prof. Paola Roccabianca (Dipl. ECVP)
- 2008-2011 **PhD in Veterinary Medicine**, Faculty of Veterinary Medicine (UASVM Cluj-Napoca, Romania). PhD thesis: "Gastric pathology associated with different species of *Helicobacter* in pets". ISCED 6 (international level)
- 2008-2009 **MSci (Master) in Veterinary Medicine**, Faculty of Veterinary Medicine (UASVM Cluj-Napoca, Romania); ISCED 5B (international level)
- 2007 **DVM (Doctor in Veterinary Medicine)**, Faculty of Veterinary Medicine (UASVM Cluj-Napoca, Romania). Thesis title: "Spontaneous herpesvirus infection in horned vipers (*Ammodytes Ammodytes*)"; ISCED 5A (international level)
- 2000 **High school diploma** in veterinary field (Veterinary College, Ramnicu-Sarat, Romania)

WORK HISTORY and CURRENT POSITION

- 2020 - **Veterinary pathologist** (part-time), SYNEVOVET, Bucharest (Romania)
- 2019 - 2021 **Researcher**, Laboratory of Genomics, Biodiversity, Animal Breeding and Molecular Pathology, Institute of Life Sciences, UASVM Cluj-Napoca, Romania.
- 2019- **Invited Associate Professor**, Department of Veterinary Pathology, Koret School of Veterinary Medicine, Hebrew University, Israel
- 2018 - **Associate Professor** - Department of Pathology, Faculty of Veterinary Medicine, UASVM Cluj-Napoca, Romania.
- 2014 - 2018 **Lecturer** - Department of Pathology, Faculty of Veterinary Medicine, UASVM Cluj-Napoca, Romania.
- 2018-2020 **Pathologist/Researcher**, International Research project, SALIVAGES (Horizon 2020), University of Medicine and Pharmacy Iuliu Hatieganu Cluj-Napoca, Romania
- 2014- 2018 **Resident** of ECVP by alternate program (European College of Veterinary Pathologists) - Università degli Studi di Milano (Italy)
- 2008- 2014 **Assistant Professor** - Pathology Department, Faculty Veterinary Medicine, UASVM Cluj-Napoca, Romania

ACADEMIC & TEACHING ASSIGNMENTS

- 2008 - present** General pathology
 Pathology of organ systems
 Cytology
 Oncology
 Necropsy and forensic medicine.
 Pathology at slaughter (cattle, horses, pigs, small ruminants, poultry)
 Coordination of students in the final year for their dissertation thesis in receiving the veterinary degree of DVM.
- 2019 - present** Supervision of ECVF residents

AWARDS

- 2023 **Medal of Honor**, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (for coordination of the ECVF residency training and supervision of first ECVF diplomates in Romania)
- 2019 **Gold Medal for invention** “Cytoblock preparations for early diagnosis of premalignant oral lesions, correlated with ultrasonography of oral mucosa”. International Invention & Innovation Competition “TRAIAN VUIA” Timișoara, Romania. Authors: Boșca Adina Bianca, Ilea Aranka, Taulescu Marian, Negru Mihai, Băbțan Anida-Maria, Petrescu Nausica Bianca, et al.
- 2018 **Medal of Honor**, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (the first ECVF specialist/ diplomate in Romania)
- 2018 **AMVAC Award for Excellence** in Veterinary Medicine, Sinaia, Romania
- 2014 Journal of Comparative Pathology Educational Trust Travel (**CJPET**) **Bursary** to visit the Department of Pathology at Milan Veterinary School (Italy)
- 2011 **First Prize** from University of Medicine and Pharmacy on UMPH Days/Meeting (Cluj-Napoca, Romania) for “Effects of rifaximin on indomethacin-induced intestinal damage in guinea-pigs”
- 2009 **First Prize** from Romanian Society of Endoscopy (Cluj-Napoca, Romania) for “Difficulties in PCR genetic analysis of *Helicobacter* species from gastric samples and cultures”

RESEARCH PROJECTS & SCIENTIFIC COLLABORATIONS

Partner responsible (Synevovet Bucharest), Project **ADER 8.1.6/ 2026** (2023-2026). >>Reducerea efectului stresului termic la monogastrice prin includerea în rețetele furajere a unor fitoaditivi naturali cu acțiune antioxidantă proveniți din resurse vegetale locale<<; Total funding - 1.000.000 RON

Manager of Research and consultancy project, UASVM Cluj-Napoca, Romania- AGRO INNOVATION INTERNATIONAL (group Roullier) France, partnership (2017): “Assessing the effectiveness of a product (Shield Plus) in infection with *Salmonella enteritidis* in broiler chickens”, Number: 9369/06.06.2017; 25.000 EUR.

Academic coordinator (UASVM Cluj-Napoca), Erasmus Mobility project KA171/ 2023 Romania (UASVM Cluj-Napoca) - Australia (University of Brisbane), 2023-2026; 5.240 EUR.

Academic coordinator (UASVM Cluj-Napoca), Erasmus Mobility project KA107 Romania (UASVM Cluj-Napoca) - Israel (Koret School), 2019-2020; 34.000 EUR.

Manager of the project “The role of chronic follicular gastritis for development of gastric lymphoma in dogs - animal model for gastric carcinogenesis”. Research Project Support Programme, UASVM Cluj-Napoca (Romania). Number: 21863/ 04.10.2021; 5.000 EUR.

Manager of Research and consultancy project: “Pathological evaluation of tissue biopsies collected from pets”; UASMV Cluj-Napoca & “Blue Vet for Pets Bucharest partnership, 2019-2020. Number: 20262/13.09.2019; 4.000 EUR.

Manager of Research and consultancy project: “Pathological study of tumors in dogs and cats” UASMV Cluj-Napoca & Oncovet Bucharest partnership, 2020-2021. Number: 6437/ 30.03.2020; 4.000 EUR.

Manager of Research and consultancy project “Comprehensive overview of the disease situation in a private trout fish farm”. UASMV Cluj-Napoca and SC Contactoare SA Buzau (trout fish farm) partnership; 2016-2017. Number: 4781/29.03.2016; 1.000 EUR.

POSTDOC research project: “The role of intestinal metaplasia and stem cells in the spontaneous gastric carcinogenesis: clinical, pathological and molecular comparative studies”, 2015-2016. Posdru 159/1.5/S/136893; UASVM Cluj-Napoca.

MEMBER of 14 international research projects (2008-2023):

1. Project **PN-III-P2-2.1-PED-2021-2176** (2022-2024). Applications of bioactive nanocomposites on skin regeneration in diabetic rats. Project director: Prof. Ionel Papuc.
2. **Project ADER 818**. (2019-2022). Research on increasing the percentage of coagulable casein from goat milk and cheese processing yield, using DNA markers assisted selection. Funding amount-800.000 RON
3. **SALIVAGES (Horizon 2020)** - Innovative Technological Approaches for validation of Salivary AGEs as novel biomarkers in evaluation of risk factors in diet-related diseases. COFUND-ERA-HDHL ERANET-SALIVAGES. Total requested funding: 1.086.653 EUR (<https://salivages.wordpress.com/team/taulescu>)
4. **The impact of Lithoxion on the main mycotoxins from combined fodder utilized in swine and poultry feeding.** Romania-France (Roullier group) partnership, No. 2141/10/31.07.2017
5. **Nanomediated colon cancer prophylaxis in mice using a MUC-1-conjugated GoldNPs/dendritic cells synergic vaccine.** PN-II-PT-PCCA-2011-3.1-1586.
6. **Development and preclinical evaluation of nanoparticulate drug delivery systems for targeted antitumor therapy of colorectal cancer.** PN-II-PT-PCCA-2011-3.2-1060.
7. **Expert system for the non - invasive prognosis of hepatic chronic affections through the analysis of biologic parameters and portal hemodynamic.**
8. **Evaluation and modulation of biodistribution and cytotoxicity of carbon nanotubes with bimolecular applications.**
9. **Investigations regarding the role of inflammation and of endothelial stem cells in the neovascularisation of the adipose tissue in obesity.** IDEI 1484/ 2009
10. **Precocious noninvasive diagnosis of the photoinduced cutaneous senescence process.** Complex Histo-clinical-imagsitic studies. SERENO. IDEI 2008 nr.1151/2008
11. **Markers of oxidative, nitrosative and nitrative stress, diagnostic and prognostic value in periodontitis and periimplantitis.** PNII – IDEI 1273; 2008-2011.
12. **Influence of oxidative stress and expression of tenascin in melanocytic tumours of dogs, identification of fitoterapeutics opportunities.** PN-II-ID-PCE CNCSIS Contract No. 1106/2009 (2008-2011)
13. **Interdisciplinary research development of neuro-protection pharmaceutical treatment for neural ischemia.**

14. Partnerships in priority domains, CHEMOPROTECT, Photochemoprotection through natural products in cutaneous photo induced neoplasia. Contract nr 42-104/2008.

MEMBERSHIP/ COMMITTEES

One Health Committee, Section of Medical Sciences, Romanian Academy - member (2023-)
 ECVP Examination Committee - Member (2021-)
 European College of Veterinary Pathology (ECVP) - Member
 European Society of Veterinary Pathology (ESVP) - Member
 European Association for Cancer Research (EACR) - Member, Ambassador
 International Bracken Group (IBG) - Member
 Romanian Society of the Comparative and Experimental Pathology (RSCEP) - Member
 Romanian Society of Gastroenterology and Hepatology (RSGH) - Member
 General Association of the Romanian Veterinarians (AGMVR) - Member
 Romanian Society of Cell Biology (RSCB) - Member
 Romanian Society of Veterinary Oncology (RSVO) – Member
 NEUROVET- Member

PROFESSIONAL DEVELOPMENT ACTIVITIES (training, courses)

2023, July	Organization of ECVP/ESVP Summer School in Cluj-Napoca, Romania
2018, Dec	Digital Pathology, Global Engage (GE): Digital Pathology, Computational pathology, Digital image analysis: courses and 2 workshops; London, UK.
2018, Feb	University of Ghent, ECVP (European College of Veterinary Pathology) training program and ECVP board exam, Ghent, Belgium
2017, Jan	ECVP (European College of Veterinary Pathology) training program - Università Degli Studi Di Milano, Italy
2016	Davis-Thompson Foundation European Descriptive Veterinary Pathology Course, The Royal Veterinary College, Hawkshead Campus, Hertfordshire, UK
2016	ECVP (European College of Veterinary Pathology) training program - Università Degli Studi Di Milano, Italy
2015	ECVP (European College of Veterinary Pathology) training program - Università Degli Studi Di Milano, Italy
2014	ECVP (European College of Veterinary Pathology) training program - Università Degli Studi Di Milano, Italy
2015, July	ECVP/ESVP, Summer School in Pathology, Bologna, Italy
2014, July	ECVP/ESVP, Summer School in Pathology, Bologna, Italy
2013, July	ECVP/ESVP, Summer School in Pathology, University College of Dublin, Ireland
2012, July	ECVP/ESVP, Summer School in Pathology, University College of Dublin, Ireland
2011, July	ECVP/ESVP, Summer School in Pathology, Institute of Animal Pathology, Bern, Switzerland

TEACHING ACTIVITIES (Guest professor, visiting professor)

2019, July	Teaching activities (lectures and practical classes) at The Veterinary Teaching Hospital of the Koret School of Veterinary Medicine, Israel
2018, June	“Gross pathology in horses”. Erasmus Teaching, Universidade do Porto, Portugal.
2017, Sept	“Gross pathology in farm animals” - Erasmus+ mobility for teaching between Programme Countries. Università degli Studi di Milano, Italy.
2013, Sept	“Pathological and immunohistochemical features of the urinary bladder lesions in cattle” – Erasmus Mobility for Visiting Professor, Instituto de Ciências Biomédicas Abel Salazar, Universidade do Porto, Portugal.
2012, Sept	“Pathology of the stomach in dogs” – Erasmus Mobility for Visiting Professor, Instituto de Ciências Biomédicas Abel Salazar, Universidade do Porto, Portugal.

INTERNATIONAL MEETINGS/ CONGRESSES

2008	ECVP/ESVP meeting: Dubrovnik (Croatia)
2010	ECVP/ESVP meeting: Belgrade (Serbia)
2011	ECVP/ESVP meeting: Uppsala (Sweden)
2012	ECVP/ESVP meeting: Leon (Spain)
2013	ECVP/ESVP meeting: London (United Kingdom)
2016	ECVP/ESVP meeting: Bologna (Italy)
2017	ECVP/ESVP meeting: Lyon (France)
2018	ECVP/ESVP meeting: Cluj-Napoca (Romania)
2019	ECVO (ophthalmology) annual meeting: Antwerp (Belgium)
2019	ECVP/ESVP/ ECVCP meeting: Arnhem (Netherlands).
2020	1st Cytopathology Symposium held by Brazilian Association of Veterinary Pathology (ABPV) (online meeting).
2022	ECVP/ESVP meeting: Athens (Greece)

SPECIALITIES

Veterinary pathology (large and small animals)

Pathology at slaughter

Oncology in animals

Veterinary cytology

Veterinary forensic medicine

Toxicological pathology

Immunohistochemistry, immunocytochemistry and Immunofluorescence

RESEARCH INTERESTS

Animal models; cell protection; experimental and toxicologic pathology; tissue regeneration

Translational medicine

Animal oncology; cancer biology; comparative oncology; gastric cancer; lung cancer; urinary bladder cancer; viral oncogenesis; molecules and gene expression in oncology

Congenital anomalies animals

Pathology at slaughter

Infectious diseases and tumors in farm animals

BOOKS

1. **Taulescu Marian**, Irina Amorim and Robert Washabau - Chapter 31. Esophagus and stomach. In: *Veterinary Cytology*. Leslie Sharkey, Judy Radin, Davis Seelig (editors). Wiley Blackwell Publishing, USA, Oct 2020. ISBN-10: 1119125707; ISBN-13: 978-1119125709; 1024 pages; (<https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119380559.ch31>)
2. **Marian A. Taulescu**. A textbook of special veterinary pathology – for students and practitioners, volum 1, ediția 1. Editura AcademicPres 2018, eISBN 978-630-309-099-3 - general; eISBN 978-630-309-100-6 - vol. I
3. **Marian A. Taulescu**. A textbook of special veterinary pathology – for students and practitioners, volum 2, ediția 1. Editura AcademicPres 2024, eISBN 978-630-309-099-3 - general; eISBN 978-630-309-101-3 - vol. II.
4. **Marian Taulescu**, Raluca Marica, Roxana Popa, Andrada Negoescu, Corina Toma, Irina Amorim, Elvira Gagniuc, Claudiu Gal. Pathology of organ systems in animals, Editura AcademicPres Cluj-Napoca, 2024, eISBN 978-630-309-098-6.
5. **Marian Taulescu**. Patologia gastrică helicobacteriană la om și animale; Editura AcademicPres Cluj-Napoca, 2024, eISBN 978-630-309-095-5.
6. Gal AF, Cornel Catoi, Flaviu Tabaran, **Marian Taulescu** - Anatomie patologica veterinara: Sistemul urinar, sistemul genital, sistemul endocrin, sistemul osteomuscular, piele - Cluj-Napoca: AcademicPres, 2017, e-ISBN 978-973-744-587-2.
7. Gal, AF Cornel Catoi, **Marian Taulescu**, Flaviu Tabaran – Anatomie Patologica: Manual pentru activitati practice - Cluj-Napoca: AcademicPres, 2017, e-ISBN 978-973-744-588-6.
8. Catoi Cornel, **Taulescu Marian**, Gal Adrian, Bolfa Pompei, Tabaran Flaviu, Nagy Andras, Borza Gabriel, Raluca Vidrighinescu, Alexandra Irimie, Roxana Cora. Tehnici de anatomie patologica veterinara. January 2014. Ed. AcademicPres Cluj-Napoca, Romania. ISBN 978-973-744-346-5.
9. Lidia Ciobanu, **Marian Taulescu**, Dan Lucian Dumitrașcu. Chapter 8: *Helicobacter pylori* in Romania: Epidemiology, Diagnosis and Treatment. In: *Helicobacter Pylori: A Worldwide Perspective*. Buzás György Miklós (Ed.) 2014, 183-201. Bentham Science Publishers. eISBN: 978-1-60805-737-5; ISBN: 978-1-60805-738-2.
10. Boșca Adina, Aranka Ilea, **Marian Taulescu**, et al. *Valoarea diagnostică a citoblocurilor preparate din mucoasa orală*, In: "Antropologia Mileniului III" (Romanian language). Editors: Andrei Kozma, Octavian Buda, Constantin Bălăceanu-Stolnici, Colecția Zilele Rainer, The Publishing House of the Romanian Academy, Bucharest (Romania), 2020, 272- 279, ISBN 978-973-27-3200-7.

REFEREE & EDITORIAL ACTIVITY

Editorial board of Veterinary Pathology

<https://journals.sagepub.com/editorial-board/vet>

Associate Editor in Oncology in Veterinary Medicine, *Frontiers in Veterinary Medicine*, 2022

<https://www.frontiersin.org/my-frontiers/overview>

Guest editor of the special issue: "Canine and Feline Tumors: research advances and diagnostic innovations". *Animals* (ISSN 2076-2615) journal, 2020, published online by MDPI (8 papers)

https://www.mdpi.com/journal/animals/special_issues/Canine_Tumors

Guest editor of the special issue: "Pathology, Diagnosis and Treatment of Gastrointestinal Diseases in Small Animals" *Veterinary Sciences* (ISSN 2306-7381), 2021, by MDPI (7 papers)
https://www.mdpi.com/journal/vetsci/special_issues/gastrointestinal_pathology

Editorial board of *Jacobs Journal of Veterinary Science and Research*

Editorial board of *Annals of clinical cytology and pathology*

Invited Reviewer of *Carcinogenesis, Veterinary Pathology, Histology and Histopathology, Phytotherapy Research, International Journal of Pharmacy and Pharmacology, BMC Veterinary Research, Veterinary Parasitology: Regional Studies and Reports, Frontiers in Veterinary Science.*

PHD THESIS COMMITTEE MEMBER: 4

INVITED SPEAKER/ LECTURER

2023 - Cytology of skin in dogs and cats, Altius Romania; Bucharest, Cluj and Iasi (Romania)

2023 - Tumors of the oral cavity in dogs and cats, Romanian Society of Dentistry, Bucharest

2022 - CYTOPETS, 6 workshops: Cytology of skin, subcutis, natural cavities, lymphoid system and other organs in dogs and cats. CEVA-VETRO Bucharest & Synevovet.

2020, November - Koret School of Veterinary Medicine, Rehovot (Israel) (online lectures, 6 hours): "Pathology of the nervous system in animals".

2020, October - Immunohistochemical markers used in canine and feline cancer. Webinar, Synevovet, Bucharest (Romania)

2020, August - Associação Brasileira de Patologia Veterinária - ABPV (online congress, 2 hours): "Cytopathology of GI tract in dogs and cats".

2020, May-June - Koret School of Veterinary Medicine, Rehovot (Israel) (online lectures, 15hours): "Pathology of the cardiovascular system", "Pathology of the respiratory system", "Pathology of bones and joints in animals"

2020, February - Junior Vet, Cluj-Napcoa, Romania: "Necropsy in dogs and cats".

2019, February - Junior Vet, Bucharest, Romania: "Gastric pathology in dogs and cats".

2019, March - AMVAC, Iasi, Romania: "Diagnostic and prognostic markers in canine and feline tumors"; "Pathology of the stomach in dogs and cats".

2019, June - NEUROVET, Cluj-Napoca, Romania: "*Halicephalobus gingivalis*-related meningoencephalomyelitis (MEM) in horses: a rare but fatal condition"; "Pathology of the nervous system in dogs and cats: the most common conditions"

2019, July - The Veterinary Teaching Hospital of the Koret School of Veterinary Medicine (Israel): "Histopathology of the eye in dogs and cats (practical classes with residents)"; "Digestive tract disorders in horses"; "Diagnostic and prognostic markers in canine and feline tumors"

2019, November - AMVAC, Sinaia, Romania: "Overview of gastrointestinal colic in horses: causes, pathological findings and prognosis"; "New insights into equine muscle disorders: genetic myopathies"; "Gastric diseases in dogs: clinical features and diagnostic methods"; "Lung cancer in dogs and cats: staging, diagnosis and prognostic markers".

2019, November - Koret School of Veterinary Medicine, Rehovot (Israel): "Pathology of the peritoneum and hepatobiliary system in animals (6 hours)"; "Equine pathology - histology rounds (practical classes with residents)".

2019, December - Koret School of Veterinary Medicine, Rehovot (Israel): "Pathology of the nervous system in animals (6 hours)"; "Equine pathology - cytology rounds (practical classes with residents)"; Tumors of CNS in animals (theoretical and practical classes with residents).

INTERNATIONAL PUBLICATIONS

94 papers published in **ISI** journals [**75** papers indexed on PubMed]

34 meeting abstracts published on normal or special issues of referred journals indexed on ISI Web of Knowledge (Talescu M/ScienceDirect*)

87 papers published in **BDI** indexed journals, as first and co-author.

Citations: **1376** (Google Scholar); **572** (WOS, **538** without self-citations)

H-index (Google Scholar) = **18**

H-index: **12** (Web of Science)

i10-index = 34

www.ncbi.nlm.nih.gov/pubmed/?term=Talescu+M;

www.researchgate.net/profile/Marian_Talescu/publications

<https://loop.frontiersin.org/people/132542/overview>

www.mendeley.com/profiles/marian-talescu/

<https://publons.com/dashboard/records/review/Talescu M>

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