



Igor Djadjovski

Date of birth: 19/03/1979 **Phone number:** (+389) 23240755

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Home: Jane Sandanski 7-1/35, 1000 Skopje (North Macedonia)

WORK EXPERIENCE

Associate Professor

Ss. Cyril and Methodius University in Skopje, Faculty of Veterinary Medicine [01/09/2020 – Current]

City: Skopje

Country: North Macedonia

Website: fvm.ukim.edu.mk

Email address: igordz@fvm.ukim.edu.mk

Name of unit or department: Internal diseases of ruminants - **Business or sector:** Education

- Practical and theoretical lectures on Internal diseases in ruminants and Clinical and laboratory diagnostics in farm animals
- Mentorship in Doctoral studies in Veterinary Medicine

Assistant Professor

Ss. Cyril and Methodius University in Skopje, Faculty of Veterinary Medicine [09/2015 – 09/2020]

City: Skopje

Country: North Macedonia

Website: fvm.ukim.edu.mk

Email address: igordz@fvm.ukim.edu.mk

Name of unit or department: Internal diseases of ruminants - **Business or sector:** Education

- Practical and theoretical lectures on Internal diseases in ruminants and Clinical and laboratory diagnostics in farm animals

Assistant

Ss. Cyril and Methodius University in Skopje, Faculty of Veterinary Medicine [2011 – 2015]

City: Skopje

Country: North Macedonia

Website: fvm.ukim.edu.mk

Email address: igordz@fvm.ukim.edu.mk

Name of unit or department: Internal diseases of ruminants - **Business or sector:** Education

- Practical lectures on Internal diseases in ruminants and Basics of clinical and laboratory diagnostics

Junior Assistant

Ss. Cyril and Methodius University in Skopje, Faculty of Veterinary Medicine [2007 – 2011]

City: Skopje

Country: North Macedonia

Website: fvm.ukim.edu.mk

Email address: igordz@fvm.ukim.edu.mk

Name of unit or department: Internal diseases of ruminants - **Business or sector:** Education

- Practical lectures on Internal diseases in ruminants and Basics of clinical and laboratory diagnostics

Deputy Head of the Laboratory for Serology and Molecular Diagnostic

Ss. Cyril and Methodius University in Skopje, Faculty of Veterinary Medicine, Veterinary Institute [2011 – 2019]

City: Skopje

Country: North Macedonia

Name of unit or department: Veterinary Institute, FVMS - **Business or sector:** Professional, scientific and technical activities

- Actively involved in research and routine diagnostic
- Co-leading a group of scientists and researchers responsible for the implementation of serological and molecular diagnostic tests
- Analysis of phylogeny and molecular epidemiology of viral, bacterial, and parasitic diseases

Deputy Head of the Laboratory for TSE

Ss. Cyril and Methodius University in Skopje, Faculty of Veterinary Medicine, Veterinary Institute [2011 – Current]

City: Skopje

Country: North Macedonia

Name of unit or department: Veterinary Institute, FVMS - **Business or sector:** Professional, scientific and technical activities

- Coordination of the routine diagnostic work in the laboratory
- Implementation and maintenance of the ISO 17025
- Accreditation of the diagnostic methods

Head of the Laboratory for Molecular diagnostic

Ss. Cyril and Methodius University in Skopje, Faculty of Veterinary Medicine, Veterinary Institute [2019 – Current]

City: Skopje

Country: North Macedonia

Name of unit or department: Veterinary Institute, FVMS - **Business or sector:** Professional, scientific and technical activities

- Coordination of the routine diagnostic work in the laboratory
- Implementation and maintenance of the ISO 17025
- Accreditation of the diagnostic methods
- Analysis of phylogeny and molecular epidemiology of viral, bacterial, and parasitic diseases
- Leading a group of scientists and researchers responsible for the development, optimisation, and implementation of molecular diagnostic tests
- Consultancy in preparation of National monitoring and control programs for priority infectious diseases in animals.

EDUCATION AND TRAINING

PhD

Ss Cyril and Methodius University in SKopje, Faculty of Veterinary medicine - Skopje [2015 – 2020]

Address: Lazar Pop-Trajkov 5-7, 1000 Skopje (North Macedonia)

Website: www.fvm.ukim.edu.mk

Field(s) of study: Agriculture, forestry, fisheries and veterinary: *Veterinary*

Level in EQF: EQF level 8

NQF Level: Doctor of science

Thesis: Molecular typing and phylogenetic analysis of small ruminant lentiviruses detected and isolated in Republic of Macedonia

MSc

Ss Cyril and Methodius University in SKopje, Faculty of Veterinary medicine - Skopje [2007 – 2011]

City: Skopje

Website: www.fvm.ukim.edu.mk

Field(s) of study: Agriculture, forestry, fisheries and veterinary: *Veterinary*

Level in EQF: EQF level 7

NQF Level: Master of science

Thesis: Seroprevalence of Small Ruminant Lentiviruses in Republic of Macedonia

DVM

Ss Cyril and Methodius University in SKopje, Faculty of Veterinary medicine - Skopje [1997 – 2004]

City: Skopje

Website: www.fvm.ukim.edu.mk

Field(s) of study: Agriculture, forestry, fisheries and veterinary: *Veterinary*

Level in EQF: EQF level 6

NQF Level: Doctor of veterinary medicine

LANGUAGE SKILLS

Mother tongue(s): **Macedonian**

Other language(s):

English

LISTENING C2 READING C2 WRITING C1

SPOKEN INTERACTION C2

Russian

LISTENING B1 READING B1 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Croatian

LISTENING C2 READING C2 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING A1 READING A2 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Serbian

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Slovenian

LISTENING C1 READING B2 WRITING A2

SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Word / Microsoft Office / Microsoft Excel

PROJECTS

IAEA Technical Cooperation MAK 5011: Improving National Capacities for Early Detection and Characterization of Emerging and Re-emerging Animal Diseases with Strong Economic Consequences and Upgrade of the Bio Risk Management at the National Laboratory

[2022 – 2024]

Study for assessment of the prevalence and geographical distribution of the West Nile virus in Macedonia and opportunities for action in the direction of the "One Health" concept. Ss. Cyril & Methodius University in Skopje

[02/2022 – 12/2022]

COST Action CA21170 Prevention, anticipation and mitigation of tick-borne disease risk applying the DAMA protocol (PRAGMATICK)

[10/2022 – 10/2026]

FAO – EuFMD-SEE FAR Project: National Platform for Improving Biosecurity in Dairy Cattle Farms (NAPIB).

[2021 – 2021]

IAEA Interregional Technical Cooperation Project INT0098: Strengthening Capabilities of Member States in Building, Strengthening and Restoring Capacities and Services in Case of Outbreaks, Emergencies and Disasters

[2020 – 2020]

Bilateral project (Macedonia and China) Surveillance and molecular epidemiology of avian paramyxoviruses and avian influenza viruses in China and Macedonia.

[2020 – 2021]

IPA 2018/040-824.13/MC/ Animal eradication, Regional action on animal disease eradication in the Western Balkans (ADEWB)

[2019 – 2022]

COST Action CA18208 Novel tools for test evaluation and disease prevalence estimation (HARMONY)

[2019 – 2023]

Monitoring, morphological, and molecular identification and phylogenetic characterization of the red mite (*Dermanyssus gallinae*), in poultry farms in the Republic of Macedonia. Ss. Cyril & Methodius University in Skopje

[2019 – 2020]

COST Action CA17110 Standardizing Output-based surveillance to control Non-regulated Diseases in the EU (SOUND-control)

[2018 – 2022]

Horizon2020 project: Addressing the dual emerging threats of African Swine Fever and Lumpy Skin Disease in Europe (DEFEND)

[2018 – 2023]

Action Against Hunger, Austrian Development Agency financed project: Promoting integrated approaches to animal health and plant protection in Abkhazia

[2018 – 2020]

Action Against Hunger, UNDP financed project: Supporting a Coordinated and Collaborative Response to Disease Control

[2017 – 2018]

Improvement of the Performance and Quality of the Public Extension Service in the Livestock Sector EUROPEAID/136437/IH/SER/AL. AL/IPA/2013/06

[2017 – 2020]

COST Action CA15116 Understanding and combating African Swine Fever in Europe (ASF-STOP)

[2016 – 2020]

IAEA Coordinated Research Project D32032: Early Detection of Transboundary Animal Diseases (TADs) to Facilitate Prevention and Control through a Veterinary Diagnostic Laboratory Network (VETLAB Network)

[2016 – 2020]

Improved clinical and diagnostic approach for Ehrlichiosis prevalence in dogs in Republic of Macedonia. Ss. Cyril & Methodius University in Skopje

[2015 – 2016]

MediLabSecure, European Union DEVCO/EuropeAid project (Contract Number: IFS/2013/330 961)

[2014 – 2023]

Molecular epidemiology of cattle tuberculosis in Republic of Macedonia. Ss. Cyril & Methodius University in Skopje

[2012 – 2013]

EDENext project, Biology and control of vector-borne diseases in Europe; Work package (WP) 2: Emergence and spread of CCHF

[2011 – 2014]

IPA 2008, EuropeAid/124586/C/SER/MK, Capacity building of veterinary services in Republic of Macedonia for implementation of EU Acquis.

[2010 – 2012]

Bilateral project (Macedonia and Slovenia): Epidemiological Study of Ruminant Retroviruses in Macedonia and Slovenia

[2010 – 2011]

IAEA Technical Cooperation Regional Project RER/5/015: Supporting Early Warning and Surveillance of Avian Influenza Infection in Wild and Domestic Birds and Assessing Genetic Markers for Bird Resistance

[2009 – 2011]

Sixth Framework Programme (Project No.: 043653) - Upgrading and Introduction of Sustainable Diagnostic Tools For The Major Transboundary Diseases of Animals in Macedonia (TRANSB_DIS_ANIM_MK)

[2007 – 2009]

PUBLICATIONS

[Harnessing Attenuation-Related Mutations of Viral Genomes: Development of a Serological Assay to Differentiate between Capripoxvirus-Infected and -Vaccinated Animals](#)

[2023]

- **Authors:** Berguido, F. J., Chibssa, T. R., Loitsch, A., Liu, Y., Krstevski, K., Djadjovski, I., Tuppurainen, E., Petrović, T., Vidanović, D., Caufour, P., Settypalli, T. B. K., Grünwald-Gruber, C., Grabherr, R., Diallo, A., Cattoli, G., & Lamien, C. E.
- **Journal:** Viruses, 15(12), 2318.

[Complete genome reconstruction of the global and European regional dispersal history of the lumpy skin disease virus](#)

[2023]

- **Authors:** Van Borm, S., Dellicour, S., Martin, D. P., Lemey, P., Agianniotaki, E. I., Chondrokouki, E. D., Vidanovic, D., Vaskovic, N., Petrović, T., Lazić, S., Koleci, X., Vodica, A., Djadjovski, I., Krstevski, K., Vandebussche, F., Haegeman, A., De Clercq, K., & Mathijs, E.
- **Journal:** Journal of Virology, 97(11)

[First report of Bartonella Hensale infection in a cat in North Macedonia](#)

[2023]

- **Authors:** Shikoska, I., Djadjovski, I., Krstevski, K., Hristovska, Z.P., Janevski, A., Rashikj, Lj., Cvetkovikj, A., Cvetkovikj, I.
- **Journal:** Macedonian Veterinary Review; 46 (2): i-vii

[A multi gene-approach genotyping method identifies 24 genetic clusters within the genotype II-European African swine fever viruses circulating from 2007 to 2022](#)

[2023]

- **Authors:** Gallardo, C., Casado, N., Soler, A., **Djadjovski, I.**, Krivko, L., Madueño, E., Nieto, R., Perez, C., Simon, A., Ivanova, E., Donescu, N., Milicevik, V., Chondrokouki, E., Nurmoja, I., Frant, M., Feliziani, F., Václavek, P., Pileviciene, S., & Marisa, A.
- **Journal:** Frontiers in Veterinary Science, 10, 1112850.

[Multiplex Assay for Simultaneous Detection of Antibodies against Crimean-Congo Hemorrhagic Fever Virus Nucleocapsid Protein and Glycoproteins in Ruminants](#)

[2023]

- **Authors:** Hoste, A. C. R., Djadjovski, I., Jiménez-Clavero, M. Á., Rueda, P., Barr, J. N., Sastre, P.
- **Journal:** Microbiology Spectrum, 11(2)

[Development and Optimization of Indirect ELISAs for the Detection of Anti-Capripox virus Antibodies in Cattle, Sheep, and Goat Sera](#)

[2022]

- **Authors:** Berguido, F.J.; Gelaye, E.; Liu, Y.; Davaasuren, B.; Krstevski, K.; Djadjovski, I.; Ivanova, E.; Goujgoulouva, G.; Loitsch, A.; Tuppurainen, E.; et al.
- **Journal:** Microorganisms, 10, 1956.

[Overview of Cattle Diseases Listed Under Category C, D or E in the Animal Health Law for Which Control Programmes Are in Place Within Europe](#)

[2021]

- **Authors:** Hodnik, J.J., Acinger-Rogic, Z., Alishani, M., Autio, T., Balseiro, A., Berezowski, J., Carmo, L.P., Chaligiannis, I., Conrady, B., Costa, L., Cvetkovikj, I., Davidov, I., Dispas, M., Djadjovski, I., [...], Santman-Berends, I.
- **Journal:** Frontiers in Veterinary Science, Volume 8 | Article 688078

[Molecular detection of Ehrlichia canis in the pet-dog population in R. N. Macedonia](#)

[2021]

- **Authors:** Atanaskova Petrov, E., Celeska, I., Popova, Z., Krstevski, K., Djadjovski, I.
- **Journal:** Acta Veterinaria-Beograd, 71 (2), 230-238

[Re-emergence of BTV serotype 4 in North Macedonia, July 2020](#)

[2020]

- **Authors:** Flannery, J., King, S., Rajko-Nenow, P., Popova, Z., Krstevski, K., Djadjovski, I., Batten, C.
- **Journal:** Transboundary and Emerging Diseases, 68:220–223.

External quality assessment of Rift Valley fever diagnosis in 17 veterinary laboratories of the Mediterranean and Black Sea regions

[2020]

- **Authors:** Pérez-Ramírez, E., Cano-Gómez, C., Llorente, F., Adzic, B., Al Ameer, M., Djadjovski, I., [...] Fernández-Pinero, J.
- **Journal:** PLoS ONE 15(9)

Development of a multiplex assay for antibody detection in serum against pathogens affecting ruminants

[2020]

- **Authors:** Hoste A., Ruiz T., Fernández-Pacheco P., Djadjovski I., Rueda P., Barr J., Sastre P.
- **Journal:** Transboundary and Emerging Diseases, 68:1229–1239

New records of the asian tiger mosquito (Aedes albopictus) in North Macedonia

[2020]

- **Authors:** Cvetkovikj, A., Djadjovski, I., Krstevski, K., Popova, Z., Rashikj, Lj., Atanasova, K., Cvetkovikj, I., Stefanovska, J.
- **Journal:** Macedonian Veterinary Review; 43 (2): 125-129

Prevalence and clinical signs of postpartum dysgalactia syndrome at the first day after farrowing in farmed sows in the Republic of Macedonia

[2019]

- **Authors:** Angjelovski B., Radeski M., Djadjovski I., Mitrov D., Bojkovski J., Adamov N., Dovenski T
- **Journal:** Macedonian Veterinary Review; 42 (1): 79-86

Bovine tuberculosis in the Republic of Macedonia: Postmortem, microbiological and molecular study in slaughtered reactor cattle

[2017]

- **Authors:** Cvetkovikj, I., Mrenoshki, S., Krstevski, K., Djadjovski, I., Angjelovski, B., Popova, Z., Janevski, A., Dodovski, A., Cvetkovikj, A.
- **Journal:** Macedonian Veterinary Review; 40 (1): i-x

Application of fluorescence based molecular assays for improved detection and typing of Brucella strains in clinical samples

[2015]

- **Authors:** Krstevski, K., Naletoski, I., Mitrov, D., Mrenoshki, S., Cvetkovikj, I., Janevski, A., Dodovski, A., Djadjovski, I.
- **Journal:** Macedonian Veterinary Review; 38 (2): i-x