

PERSONAL INFORMATION



Dean Jankuloski

📍 St. Andon Dukov, 24, Skopje, 1000, Republic of North Macedonia

☎ ++3892320720 📠 ++38972212231

✉ djankuloski@fvm.ukim.edu.mk

Sex M | Date of birth 23/09/1+73 | Nationality Macedonian

WORK EXPERIENCE

In 2003, elected as a junior assistant at Faculty of veterinary medicine-Skopje

Since 2005, employed at Faculty of veterinary medicine-Skopje. www.fvm.ukim.edu.mk

I was the head of the Laboratory for Microbiology of Food and Animal Feed until 2013, and from the same year until now, I am the head of the Food Institute at Faculty of veterinary medicine-Skopje

In 2017, I was elect as associate professor, and in 2022, I was elect as a full professor.

I'm a professor in the subjects of the Department of Food Safety and Veterinary Public Health (Hygiene and technology of meat, fish, eggs, honey and their products, Hygiene and technology of milk, Food safety and veterinary public health, European legislation in food safety) at Faculty of veterinary medicine-Skopje.

Since 2007, I am part of the team working on the implementation and maintenance of the ISO MKS 17025 standard, and in the period 2013-2014 I was the quality coordinator at Faculty of veterinary medicine-Skopje.

EDUCATION AND TRAINING

Presentations

Projects

Conferences

Seminars

Honours and awards

Memberships

In 2004, I completed professional development at the Faculty of Veterinary Sciences at the University of Bristol (Great Britain), where he works in the field of food microbiology.

In 2007, I attended professional training for work on the method of pulsed-field gel electrophoresis (PFGE) at the University of Missouri in Columbia (Missouri, USA).

I participated in the work of the European reference laboratories for Salmonella, Campylobacter, E. coli and Listeria monocytogenes

In 2015, I conducted training on molecular typing of L. monocytogenes at the EU L. monocytogenes reference laboratory (EURL Lm) in Maisons-Alfort (France).

In the period 2008-2010, I attended a course on animal welfare in a slaughterhouse during meat production.

In 2008, he stayed at the Veterinary Faculty in Zagreb (Croatia) within the CEEPUS program as a doctoral student. I taught through the program CEEPUS Teacher mobility, CIII-HRo, VetNEST, University of Zagreb, Faculty of Veterinary Medicine in 2018.

In 2010, 2018 and 2020, I attended training for an assessor according to the ISO MKS EN 17025:2018 standard, and in 2011 for measurement uncertainty in microbiological tests.

In 2011, I attended training on sweetness and calculation of measurement uncertainty in chemistry and microbiology organized by BAM.

I am participant in the COST action COST FA1202 BACFOODNET (2012-2015).

In 2022 I participated in practical training in EURL STEC in ISS, Rome Italy for STEC detection in food matrix based on the ISO TS 13136:2012" as well as training in the laboratories of the Faculty of Veterinary Medicine held by EURL L. monocytogenes for Real-Time PCR method for Listeria monocytogenes-frontline characterization

I have plenary lectures entitled "Molecular characterization of foodborne pathogens" at the 7th Congress of Veterinary Education and Science, 2017, Zagreb, Croatia,

I have plenary lectures entitled "Establishing molecular food borne pathogens database at national level and sharing information with other PFGE surveillance networks" at the 2017 International Meat Industry Conference, Serbia.

I held a sectional lecture entitled "Activities of the NRL-Salmonella to fulfill tasks and duties of FYROM" at the EURL Salmonella workshop 2018, the Netherlands.

I participated in the international project ERASMUS PLUS PROGRAMME KA2 - Cooperation and Innovation for Good Practices Strategic Partnerships for Adult Education (2015-2017) and "Establishment of Safer Animal Rescue Capacity" (2016-2018) and Integrated Radiometric and Complementary Techniques for Mixed Contaminants, and Residues in Food. IAEA (2017-2022).

I participated in national project "Assessment of the contamination of some types of food with acrylamide as a product of the reaction and evaluation of certain procedures for its reduction in thermally processed potato products" in 2018,

I participated in national project "Biomonitoring of antimicrobial resistance and typing of pathogenic and commensal bacteria in wastewater from production facilities of food" 2021

I participated in national project "Antimicrobial resistance in isolates of commensal Escherichia coli in the Republic of North Macedonia" in 2019.

Areas of scientific research and professional interest of prof. Dean Jankuloski, Ph.D., Food Microbiology and Molecular Typing of Foodborne Pathogens and Their Persistence.

He is the head of the national research project: "Genetic typing and antibiotic resistance of Listeria monocytogenes isolated from food and food production facilities" in 2014/2015.

Prof. Dr. Jankuloski has published 73 scientific and professional papers in domestic and international journals, of which 6 scientific papers in scientific journals with an impact factor and three manuals intended for food operators and state administration bodies working in the supervision of production with food and Manual for surveillance of antimicrobial resistance of Campylobacter spp. ISBN 978-9989-774-35-5.

I'm member of the Organizing Board of the international scientific meeting "Veterinary Medicine Days" (2011-2022), since 2014

I am member of the local editorial board of the scientific and professional journal "Macedonian Veterinary Review".

I am member of the Veterinary Public Health Association (VPHA) from Great Britain,

I am member of the Scientific Committee for GMOs 2017-2021 at the Ministry of Environment and Spatial Planning and the National Council for Food Safety and Animal Feed of the Republic Macedonia has been the contact person for the International Food Safety Authorities Network since 2015. –INFOSAN) for the Republic of Macedonia.

PERSONAL SKILLS

Mother tongue(s) Macedonian
English

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1/2	C1/2	C1/2	C1/2	C1/2

Communication skills

▪ good communication skills gained through my experience as lecturert at the faculty and as Head of Food institute

Organisational / managerial skills
Job-related skills

▪ leadership in organizing laboratory work, at institute level, team of 30 people.
▪ good command of quality control processes (currently responsible for quality audit)

Computer skills

▪ good command of Microsoft Office™ tools

Driving licence

▪ B

ADDITIONAL INFORMATION

Publications

- Biljana Stojanovska-Dimzoska, Elizabeta Dimitrieska-Stojkovic, Zehra Hajrulai-Musliu, Risto Uzunov, Aleksandra Angeleska, Dean Jankuloski, Katerina Blagoevska, DETERMINATION OF AFLATOXINS AND OCHRATOXIN A IN ANIMAL LIVER USING HPLC-FD METHOD WITH IMMUNOAFFINITY COLUMN CLEAN-UP, *Mac Vet Rev* 2021; 44 (2): 119-127, <https://doi.org/10.2478/macvetrev-2021-0017>
- Ljupco Angelovski, Zagorka Popova, Katerina Blagoevska, Sandra Mojsova, Marija Ratkova Manovska, Mirko Prodanov, Dean Jankuloski, Pavle Sekulovski, ISOLATION RATE OF CAMPYLOBACTER SPP. AND DETECTION OF VIRULENCE GENES OF CAMPYLOBACTER YEYUNI ACROSS THE BROILER CHAIN, *Mac Vet Rev* 2021; 44 (2): 149-157.
- Marija Ratkova Manovska, Mirko Prodanov, Ljupcho Angelovski, Dean Jankuloski, Pavle Sekulovski, PREVALENCE OF THE ENTEROTOXIGENIC STAPHYLOCOCCUS AUREUS STRAINS ISOLATED FROM RAW MILK AND CHEESE PRODUCED IN NORTH MACEDONIA, *Mac Vet Rev* 2021; 44 (1): 71-77
- Nevijo Zdolec, Dean Jankuloski, Marta Kiš, Brigita Hengl and Nataša Mikulec, Detection and Pulsed-Field Gel Electrophoresis Typing of *Listeria monocytogenes* Isolates from Milk Vending Machines in Croatia, *Beverages* 2019, 5, 46; doi:10.3390/beverages5030046 www.mdpi.com/journal/beverage.
- E. Dimitrieska-Stojkovic, A. Angeleska, B. Stojanovska-Dimzoska, Z. Hajrulai-Musliu, D. Koceva, R. Uzunov, G. Ilievska, G. Stojković, D. Jankuloski. Acrylamide Content in Food Commodities Consumed in North Macedonia and Its Risk Assessment in the Population. *Journal of Food Quality and Hazards Control* 6 (2019) 101-108. DOI: 10.18502/jfqhc.6.3.1383
- Zehra Hajrulai Musliu, Risto Uzunov, Stefan Jovanov, Dean Jankuloski, Velimir Stojkovski, Lazo Pendovski and James Jacob Sasanya, A new LC-MS/MS method for multiple residues/contaminants in bovine meat, *BMC Chemistry* (2021) 15:62 <https://doi.org/10.1186/s13065-021-00788-5> (IF= 2.094)
- Risto Uzunov, Zehra Hajrulai-Musliu, Velimir Stojkovski, Elizabeta Dimitrieska Stojkovic, Biljana Stojanovska-Dimzoska, Pavle Sekulovski, Dean Jankuloski. Development and Validation of LC-MS/MS Method for Determination of Ten Beta Agonists in Bovine Urine. *Kafkas Univ Vet Fak Derg*, 25(1): 55-60, 2019. DOI: 10.9775/kvfd.2018.20324 (IF =0.75)
- Valerij Pažin, Dean Jankuloski, Lidija Kozacinski, Vesna Dobranic, Bela Njari, Željka Cvrtila, José Manuel Lorenzo and Nevijo Zdolec, Tracing of *Listeria monocytogenes* Contamination Routes in Fermented Sausage Production Chain by Pulsed-Field Gel Electrophoresis Typing, *Foods* 2018, 7, 198 ; doi:10.3390/foods7120198 (IF =3.011)
- Mojsova S., Angelovski Lj., Jankuloski D., Simonovska J., Velickova E.. Antimicrobial effect of oregano-chitosan double coatings on *Listeria monocytogenes* in meat products IOP Conference Series: Earth and Environmental Science conferenceseries.iop.org/ees Volume 333, 2019, p. 497-502
- Angelovski Lj., Popova Z., Blagoevska K., Mojsova S., Ratkova Manovska M., Prodanov M., Jankuloski D., Sekulovski P. Prevalence, Detection of Resistance Genes and Antimicrobial Resistance of *Campylobacter jejuni* in Broilers in North Macedonia. *Veterinary Sciences: Research and Reviews*, 7(2), 2021, p. 101-108.
- R. Uzunov, ZH Musliu, M. Arapceska, ED Stojkovic, BS Dimzoska, D. Jankuloski, V. Stojkovski and L. Pendovski Development and validation of GC-FID method for detection of vegetable oils in dairy products pg. 475, *Wageningen Academic Publishers* 2018, DOI 10.3920/978-90-8686-869-8_75.
- Ljupčo Angelovski, Dean Jankuloski, Radmila Črčeva Nikolovska, Aleksandra Angeleska, Pavle Sekulovski (Veterinarski fakultet, Skopje – North Macedonia) The issue of antimicrobial resistance on farm-level, ZBORNIK SAŽETAKA 26. MEĐUNARODNOG SAVJETOVANJA KRMIVA 2019 pg. 101
- Aleksandra Angeleska, Radmila Črčeva Nikolovska, Elizabeta Dimitrieska Stojkovic, Zehra Hajrulai-Musliu, Ljupčo Angelovski, Biljana Dimzovska, Dean Jankuloski (Veterinarski fakultet, Skopje – Northern Macedonia) Radiation levels in samples of dicalcium phosphate (DCP) by gamma spectrometry method Radiation levels in samples of dicalcium phosphate (DCP) with a gamma spectrometry method, ZBORNIK SAŽETAKA 26. MEĐUNARODNOG SAVJETOVANJA KRMIVA 2019, pg. 118
- Abstracts published in the proceedings at international conferences

- Lj. Angelovski, S. Mojsova, D. Jankuloski, Effect of organic acids on pathogen microorganisms in meat Book of abstracts EUROMICROPH 12-14th February Lisbon, Portugal 2020 pg39
- S. Mojsova, Lj. Angelovski, D. Jankuloski Effect of bacteriocins on pathogenic microorganisms in cheese Book of abstracts EUROMICROPH 12-14th February Lisbon, Portugal 2020, pg47
- M.Keluku, K.Blagoevska, M.Ratkova, S.Mojsova, ZH. Musliu, D.Jankuloski. Antimicrobial resistance of commensal Escherichia coli isolated from dairy cow feces. 3rd International conference on Agriculture and life Sciences (ICOALSIII) 1-3 November Tirana 2021, p451-452
- Lj. Angelovski, S. Mojsova, D. Jankuloski, Effect of organic acids on pathogenic microorganisms in meat, Book of abstracts Lisbon, Portugal 2020, pg. 39
- S. Mojsova, Lj. Angelovski, D. Jankuloski Effect of bacteriocins on pathogenic microorganisms in cheese Book of abstracts, EUROMICROPH Lisbon, Portugal 2020, pg. 47
- Velimir Stojkovski, Stefan Jovanov, Risto Uzunov, Zehra Hajrulai-Musliu, Dean Jankuloski. Determination of Synthetic Colors in Selected Market Foods in Macedonia By Reversed-Phase High Performance Liquid Chromatography With UVVisible Diode-Array Detection. Book of Abstracts. 8. National / 2. International Veterinary Food Hygiene Congress 24-27th October 2019 Antalya, p.110
- Biljana Stojanovska-Dimzoska, Elizabeta Dimitrieska-Stojkovic, Zehra Hajrulai-Musliu, Risto Uzunov, Aleksandra Angeleska, Dushica Kocova, Dean Jankuloski (2018) Occurrence and estimation of aflatoxins and ochratoxin A exposure in some food commodities. Book of abstracts of the Joint meeting: 5th International Vet-Istanbul Group Congress and 8th International Scientific Meeting Days of Veterinary Medicine, Ohrid, Macedonia, September 23-27, p. 190
- Elizabeta Dimitrieska-Stojkovikj, Dushica Kocova, Aleksandra Angeleska, Biljana Stojanovska-Dimzoska, Gordana Ilievska, Risto Uzunov, Stefan Jovanov, Zehra Hajrulai-Musliu, Dean Jankuloski (2018) Optimization and validation of LC-MS/MS method after Quechers sample preparation for determination of fipronil and its metabolites in eggs and chicken muscle. Book of abstracts of the Joint meeting: 5th International Vet-Istanbul Group Congress and 8th International Scientific Meeting Days of Veterinary Medicine, Ohrid, Macedonia, September 23-27, p. 85
- Stefan Jovanov, Zehra Hajrulai-Musliu, Risto Uzunov, Velimir Stojkovski, Elizabeta Dimitrieska- Stojkovic, Biljana Stojanovska-Dimzoska, Dean Jankuloski. Detection of artificial sweeteners and food preservatives in energy drinks with HPLC-DAD method. Proceedings. 5th International Vet-Istanbul Group Congress and 8th International Scientific Meeting "Days of Veterinary Medicine 2018", Ohrid, R. Macedonia.
- Zehra Hajrulai-Musliu, Velimir Stojkovski, Risto Uzunov, Vangelica Enimiteva, Stefan Jovanov, Elizabeta Dimitrieska- Stojkovic, Biljana Stojanovska-Dimzoska, Dean Jankuloski. Honey sugars analysis by HPLC-RID method. Proceedings. 5th International Vet-Istanbul Group Congress and 8th International Scientific Meeting "Days of Veterinary Medicine 2018", Ohrid, R. Macedonia
- Risto Uzunov, Zehra Hajrulai-Musliu, Velimir Stojkovski, Elizabeta Dimitrieska Stojkovic, Biljana Stojanovska-Dimzoska, Stefan Jovanov, Dean Jankuloski. Determination of β -agonist residues in liver using LC-MS/MS method. Proceedings. 5th International Vet-Istanbul Group Congress and 8th International Scientific Meeting "Days of Veterinary Medicine 2018", Ohrid, R. Macedonia
- Gordana Ilievska, Katerina Blagoevska, Dean Jankuloski, Evaluation of a Taq-Man ® based commercial kit for detection of chicken DNA in minced meat product, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON AGRICULTURE AND LIFE SCIENCES (ICOALS III), Agricultural University of Tirana, pg. 30-32
- Maksud Kerluku, Katerina Blagoevska, Marija Ratkova Manovska, Sandra Mojsova, Zehra Hajrulai Musliu, Dean Jankuloski, Antimicrobial resistance of commensal Escherichia coli isolated from dairy cow feces, PROCEEDINGS OF INTERNATIONAL CONFERENCE ON AGRICULTURE AND LIFE SCIENCES (ICOALS III), Agricultural University of Tirana , pg. 451-452.
- Martin Nikolovski, Risto Uzunov, Miroslav Radeski, Dean Jankuloski, Igor Ulchar, Lazo Pendovski, Zehra Hajrulai Musliu. Animal stress as a risk factor in animal rescuing operations. International animal rescue conference, Book of Abstracts pp. 24, 08 July 2017; ISBN: 978-605-82095- 0-3

- Lazo Pendovski, Martin Nikolovski, Vlatko Ilieski, Florina P. Percinik, Nikola Adamov, Zehra H. Musliu, Dean Jankuloski, Miroslav Radeski. Animal welfare – general considerations in disasters. International animal rescue conference, Book of Abstracts pp. 18, 08 July 2017; ISBN: 978-605-82095-0-3
- S Mojsova, L Angelovski, D Jankuloski, J Simonovska and E Velickova, Antimicrobial effect of oregano-chitosan double coatings on *Listeria monocytogenes* in meat products, The 60th International Meat Industry Conference MEATCON2019, IOP Conf. Series: Earth and Environmental Science 333 (2019) 012082, doi:10.1088/1755-1315/333/1/012082.
- Angjeleska A., Dimitrieska-Stojkovic E., Hajrulai-Musliu Z., Stojanovska-Dimzoska B., Uzunov R., Jankuloski D., Crceva-Nikolovska R. (2017) Investigation of the cultivation influence on the levels of natural radionuclides in soil from the surroundings of the city of Skopje. 7th International Symposium on IN situ Nuclear Metrology as a tool for radioecology INSINUME 2017. Book of abstracts p.49. April 2017 Ohrid, Macedonia.
- Angjeleska A., Dimitrieska-Stojkovic E., Hajrulai-Musliu Z., Crceva-Nikolovska R., Stojanovska-Dimzoska B., Angelovski Lj., Jankuloski D. Presence of natural radionuclides ²²⁶Ra, ²³²Th and ⁴⁰K in wheat samples and assessment of radiation risk index in the surroundings of the city of Skopje (Republic of Macedonia). 24th International conference "KRMIVA 2017". Book of abstracts p.55, 31 May-02 June 2017, Opatija, Croatia.
- Prevalence and Persistence of Multidrug-Resistant *Yersinia enterocolitica* O:3 in Tonsils of Slaughter Pigs from Different Housing Systems in Croatia, Nevijo Zdolec Marta Kiš, Dean Jankuloski, Katerina Blagoevska, Snježana Kazazić, Marina Pavlak, Bojan, Blagojević, Dragan Antić, Maria Fredriksson-Ahoma, Valerij Pažin, DOI: 10.3390/foods11101459
- “β-lactamase genes (blaCTX-M, blaSHV, blaTEM, blaOXA1 AND blaOXA2) and phylogenetic groups in ESBL producing commensal *Escherichia coli* isolated from fecal samples from dairy farm in municipality of Debar” Maksud Kerluku, Dean Jankuloski, Marija Ratkova Manovska, Mirko Prodanov, Biljana Stojanovska Dimzoska, Aleksandar Dodovski, Katerina Blagoevska, MacVetRev, January 2023.
- “The occurrence of blaCTX-M, blaSHV, blaTEM genes in extended-spectrum β-lactamase producing commensal *E.coli* isolates from dairy farms in the municipality of Debar” - Maksud Kerluku, Marija Ratkova Manovska, Gordana Ilievska, Dean Jankuloski, Katerina Blagoevska, Book of Abstracts, O13, pg. 49, 9th International Scientific Meeting, Days of veterinary medicine 2022, 22-25 September 2022, Ohrid, R. N. Macedonia- ISBN 978-9989-774- 38-6;
- “Antimicrobial resistance in commensal *Escherichia coli* isolated from pigs’ cecal samples at slaughter” - Dean Jankuloski, Marija Ratkova Manovska, Katerina Blagoevska, Gordana Ilievska, Biljana Stojanovska Dimzoska, Mirko Prodanov, Ljupco Angelovski*, Sandra Mojsova, Snezana Dimitrovska, Book of Abstracts O15, pg. 51, International Scientific Meeting, Days of veterinary medicine 2022, 22-25 September 2022, Ohrid, R. N. Macedonia- ISBN 978- 9989-774-38-6;
- “Isolation of Commensal *Escherichia coli* From Cow Manure Resistant to Third Generation of Cephalosporins”, Maksud Krluku, Katerina Blagoevska, Marija Ratkova Manovska, Zehra Hajrulai Musliu, Dean Jankuloski, Second international congress of biological health and science, 2022 Turkey. Abstract book Published: 15/03/2022 ISBN: 978-605-71368-0-0;
- PHENOTYPIC AND GENOTYPIC CHARACTERIZATIONS OF COMMENSAL *E COLI* FORM DAIRY COW’S FECES, Maksud Krluku, Dean Jankuloski, Marija Ratkova Manovska, Katerina Blagoevska, *Processes* 2023, 11(7), 1929; <https://doi.org/10.3390/pr11071929>.