

# Europass Curriculum Vitae

Abbreviated name of the  
organization

**EDUCONS UNIVERSITY**



## Personal information

First name(s) / Surname(s) **Aleksandar Mašić**  
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Nationality Serbian  
Date of birth 04/01/1979  
Gender Male

## Position / role

**Associate professor**

**Dates** 2015 - present  
**Occupation or position held** Associate professor  
**Main activities and responsibilities** Teaching and research  
**Name and address of employer** Educons University, Faculty of Ecological Agriculture, Vojvode Putnika 67, 21208 Sremska Kamenica, Serbia

## Education and training

**Dates** 2010 - 2011  
**Title of qualification awarded** Post Doctoral Research Fellow  
**Name and type of organisation providing education and training** National Center for Foreign Animal Diseases-Canadian Food Inspection Agency, Winnipeg, Canada  
**Level in national or international classification** PhD

**Dates** 2006 - 2010  
**Title of qualification awarded** PhD in Veterinary Microbiology  
**Name and type of organisation providing education and training** Vaccine and Infectious Disease Organization, Western College of Veterinary Medicine, University of Saskatchewan, Canada

Level in national or international classification | PhD

Dates | 1998 - 2004

Title of qualification awarded | Doctor of Veterinary Microbiology

Name and type of organisation providing education and training | Faculty of Veterinary Medicine, University of Belgrade, Serbia

**Personal skills and competences**

Mother tongue(s) | **Serbian**

Other language(s) | **English, German**

Self-assessment  
*European level (\*)*

**English**

**German**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficiency	C2	Proficiency	C2	Proficiency	C2	Proficiency	C2	Proficiency
A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences | Good communication skills

Organisational skills and competences | Leading a group of people

Technical skills and competences | Manipulation and propagation of various cell lines (MDCK, VERO, MDBK, BHK, PK-15, MARK), Virus propagation, isolation and purification from tissue culture, alantoic fluid and infected tissues, plaque assay, TCID50, Hemagglutination assay, Heagglutination inhibition assay, virus neutralization test, immunofluorescence  
Preparation of various selective media (solid and liquid), bacteria isolation from infected tissues, food products and body fluids/secretions, identification and subtyping by biochemical analysis (api-corne test), preparation of large scale master and working seed banks.  
Molecular cloning, PCR, reverse transcription RT-PCR, real time RT-PCR, Protein purification, Transformation, Transfection, genome analysis-sequencing, Isolation and purification of RNA, plasmid and DNA, Western Blot, Protein expression, Immunoprecipitation.  
Cell Culture, ELISA (IgG, IgA, IL-10, IFN-γ, IFN-α, IL-1, IL-6, TNF-α), ELISPOT (IFN-γ), Cell isolation and stimulation from lung lymph nodes and spleen from various species (Avian and Porcine), Virus neutralization assay, hemagglutination inhibition, cell proliferation assay  
Odyssey Infrared scanner, UV spectrophotometer, Bioanalyzer, ELISA, Fluorescamine

Computer skills and competences | Good computer skills (EndNote, RefWorks, GraphPad Prism, Statitix)

Driving licence | B class - active driver

## Additional information

### Project:

- Uključen u realizaciju više projekata kao rukovodilac ili participant finansiranih od strane Kanadskih državnih agencija, Ministarstva prosvet, nauke I tehnološkog razvoja , republike Srbije Pokrajinskog sekretarijata nadležnog za nauku,
- Development of a live attenuated vaccine against swine influenza by reverse genetics“ National Pork Board NPB #08-003. Vaccine and Infectious Disease Organization (VIDO) Saskatchewan Рukоводилац пројекта др Zan Yhou
- “Development of live attenuated swine influenza viruses and test the immune response and protection efficacy in pigs”. Saskatchewan Ministry of Agriculture SMA #09-05/2011Vaccine and Infectious Disease Organization (VIDO) Saskatchewan, Рukоводилац пројекта др Zan Yhou.
- “Identification of the molecular mechanism by which influenza A virus activates PI3K/Akt pathway”; The Canadian Institutes of Health Research (CIHR) CHIR#2008-01/12 Vaccine and Infectious Disease Organization (VIDO) Saskatchewan Zhou, Yan Y, Рukоводилац пројекта др Zan Yhou.
- “Identification of the molecular mechanism by which PI3K/Akt pathway regulates influenza virus infection”. The Canadian Institutes of Health Research (CIHR) CHIR#2008-07/11 VIDO-Vaccine and Infectious Disease Organization, Рukоводилац пројекта др Zan Yhou.
- “Development of live attenuated avian influenza viruses as vaccine candidates for poultry”; Natural Sciences and Engineering Research Council of Canada (NSERC) DRG 09863-12. Рukоводилац пројекта др Shawn Babiuk.
- „Innate immunity to swine influenza virus in its natural host“ ;Saskatchewan Ministry of Agriculture SMA #10-07/2012 Vaccine and Infectious Disease Organization (VIDO) Saskatchewan. Рukоводилац пројекта др Zan Yhou.
- “Development of 2nd generation of Shiga Toxin Negative Bacterial Extract E.Coli 0157 Vaccine for cattle“. Industrial Research Assistance Program (IRAP) Natural Sciences and Engineering Research Council of Canada (NRC) NRC-IRAP Project Number:804110; Bioniche Life Sciences Inc rukovodilac пројекта: др Maira M Pena
- "Development of a botanical anxiolytic for the animal health market", Idea to Innovation (I2IPJ), Natural Sciences and Engineering Research Council of Canada (NSERC) I2IPJ 401627 10 University of Ottawa and Bioniche Life Sciences Inc Рukоводилац пројекта др John T Arnason

### Memberships:

- Acta Veterinaria Belgrade
- Journal of Human Virology & Retrovirology
- Journal of Infection in Developing Countries