

1. **Family name:** LAZIĆ
2. **First names:** SAVA
3. **Date of birth:** 11/06/1959
4. **Nationality:** Serbian
5. **Civil status:** married
6. **Contact details (address, e-mail, telephone):**  
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381 21 4895 320; Mob: +381 64 818 5454; E-mail: [lazic@niv.ns.ac.rs](mailto:lazic@niv.ns.ac.rs);

7. **Education:**

Institution [ Date from - Date to ]	Degree(s) or Diploma(s) obtained:
Faculty of Veterinary Medicine, University of Belgrade, 1978 - 1983	Doctor of veterinary medicine
Faculty of Veterinary Medicine, University of Belgrade, 1987 - 1990	Master of science, veterinary medicine
Faculty of Veterinary Medicine, University of Belgrade, 1990 - 1993	Doctor of science, veterinary medicine

8. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	5	4	4

9. **Membership of professional bodies:**

- Serbian Veterinary Association
- International Veterinary Biosafety Workgroup
- Society of Serbian Microbiologists

10. **Other skills:** (e.g. computer literacy, etc.)

Working in all windows programs (word, excel, power point), Corel, use statistical and molecular bioinformatics tools

11. **Present position:**

Principal Research Fellow, national, bilateral and international scientific projects leader and Head of the Department of Laboratory Analysis and of Department of Virology

12. **Name of institution/firm/organisation:**

Scientific Veterinary Institute "Novi Sad"

**13. Years within the institution/firm/organisation:**

1987 – 2013 (26 years)

**14. Key qualifications:** (relevant to the assignment)• **Expert in:**

Veterinary virology, food and environmental virology, vector-borne infections, vaccine laboratory and clinical trials as well as prevention, diagnostic, control and eradication of contagious diseases and zoonosis.

• **Main expert fields:**

- detection of animal viral diseases by classical laboratory methods (virus isolation, VN, ELISA, IH, AGID);
- propagation and grow of tissue cultures;
- prevention, control and eradication of contagious animal viral diseases and zoonosis;
- vaccine laboratory and clinical trials (including testing of potency, safety and sterility);
- detection of viruses in environment (environmental virology), in vectors and in wild animals,
- detection of viruses in food;

**15. Specific experience in the region:**

Country	Date from - Date to
Slovenia	November – December 2002
Slovenia	November 2004
Slovenia	December 2006
Croatia	October 2011
Croatia	September 2012

**16. Professional experience**

Date from - Date to	Location (Country)	Organisation/ Company	Position	Description of responsibilities and activities
1983 - 1987	Serbia	Veterinary Station in Curug	Veterinarian and head of the Vet. Station	Routine veterinary field work
1987 - 2013	Serbia	Scientific Veterinary Institute "Novi Sad"	Researcher and head of department	Routine diagnostic and research work on diagnostic of viral diseases in animals, environment and food

**17. Other relevant information:** (e.g. publications, professional training)**Trainings:**

- O.I.E. organized training: "Veterinary Biologics Training Program", Institute for International Cooperation in Animal Biologics, the United States Department of Agriculture, and Iowa State University Ames, Iowa, USA, May 2002.

- Advanced training in several institutions (Veterinary Academy and Veterinary Institute in Budapest, Research Company Hoechst Roussel Vet in Frankfurt, Faculty of Veterinary Medicine in Utrecht)

**Publications:**

Published over 200 research and professional publications. Some of them in the last 4 years are listed below:

1. Petrović T, Blazquez AB, Lupulović D, Lazić G, Escribano-Romero E, Fabijan D, Kapetanov M, Lazić S, Saiz JC. Monitoring West Nile virus (WNV) infection in wild birds in Serbia during 2012: first isolation and characterisation of WNV strains from Serbia. *Euro Surveill.* 2013;18(44):pii=20622. Available online: <http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=20622>
2. Maunula L, Kaupke A, Vasickova P., Soderberg K., Kozyra I., Lazić S., van der Poel W., Bouwknegt M., Rutjes S., Willems K., Moloney R., D'Agostino M., de Roda Husman Ana Maria, Bonsdorff C., Rzeżutka A., Pavlik I., Petrović T., Cook N.: Tracing enteric viruses in the European berry fruit supply chain. *International Journal of Food Microbiology* 167, 177–185, 2013, ISSN 0168-1605, <http://dx.doi.org/10.1016/j.ijfoodmicro.2013.09.003>
3. D'Agostino M., Cook N., Di Bartolo I., Ruggeri F., Berto A., Martelli F., Banks M., Vasickova P., Kralik P., Pavlik I., Kokkinos P., Vantarakis A., Söderberg K., Maunula L., Verhaelen K., Rutjes S., de Roda Husman A., Hakze R., Van der Poel W., Kaupke A., Kozyra I., Rzeżutka A., Prodanov-Radulović J., Lazić S., Petrović T., Carratala A., Gironés R., Diez-Valcarce M., Hernandez M., Rodriguez-Lazaro D. (2012): Multicenter collaborative trial evaluation of a method for detection of human adenoviruses in berry fruit. *Food Analytical Methods*, 5:1–7. DOI 10.1007/s12161-011-9287-0
4. Kokkinos P., Kozyra I., Lazić S., Bouwknegt M., Rutjes S., Willems K., Moloney R., Roda Husman de A., Kaupke A., Legaki E., D'Agostino M., Cook N., Rzeżutka A., Petrović T., Vantarakis A. (2012): Harmonised Investigation of the Occurrence of Human Enteric Viruses in the Leafy Green Vegetable Supply Chain in Three European Countries. *Food and Environmental Virology*, ISSN 1867-0334, Vol 4, No 4, 179-191, DOI 10.1007/s12560-012-9087-8
5. Milić N., Lazić S., Vidanović D., Šekler M., Nišavić J., Resanović R., Petrović T. (2012): Molecular characterization of some strains of Newcastle disease virus isolated in province of Vojvodina, Republic of Serbia. *Acta Veterinaria*, ISSN 0567-8315, 62, 4, Str.365-374
6. Toplak I., Lazić S., Lupulović D., Prodanov-Radulović J., Becskei Z., Došen R., Petrović T. (2012): Study of the genetic variability of porcine Circovirus type 2 detected in Serbia and Slovenia. *Acta Veterinaria Hungarica*, ISSN 0236-6290, 60, 3, pp.409-420, 2012
7. Petrović T., Lupulović D., Prodanov-Radulović J., Lazić S., Toplak I. (2012): Sequencing and typing of CSFV isolates from the Republic of Serbia. *Proceedings, International Conference prevention of Classical Swine Fever in the Border Region Croatia - Serbia (STOP-KKS)*, Novi Sad, June 7-8 2012, editor Tamaš Petrović, Novi Sad, Naučni institut za veterinarstvo 'Novi Sad', 2012, Str.174-184, ISBN 978-86-82871-29-3
8. Lupulovic D., Martín-Acebes M.A., Lazic S., Alonso-Padilla J., Blázquez A.B., Escribano-Romero E., Petrovic T., Saiz J.C. (2011): First serological evidence of West Nile virus activity in horses in Serbia. *Vector Borne Zoonotic Disease* 11(9):1303-5.
9. Petrović T., Milićević V., Prodanov-Radulović J., Maksimović-Zorić J., Lupulović D., Došen R., Lazić S. (2011): Molecular detection and genetic analysis of Serbian PRRSV isolates. *Proceedings, EuroPRRS2011 Symposium 'Understanding and combating PRRS in Europe' COST Action FA902*, Novi Sad, 12th-14th October 2011, editors Tamas Petrovic, Tahar Ait-Ali, Novi Sad, Scientific Veterinary Institute 'Novi Sad', 2011, str.50-56, ISBN 978-86-82871-27-9
10. Lupulović D., Lazić S., Prodanov-Radulović J., Jiménez de Oya N., Escribano-Romero E., Saiz J.C., Petrović T. (2010): First serological study of Hepatitis E virus infection in

backyard pigs from Serbia. Food and Environmental Virology, 2010, 2:110–113. DOI 10.1007/s12560-010-9033-6

#### **International projects:**

1. “A European Network for Environmental and Food Virology – ENVIRONET” (COST Action from November 2006 – November 2010) Web page: [www.cost929-environet.org](http://www.cost929-environet.org)
2. Integrated Monitoring and Control of Foodborne Viruses in European Food Supply Chains- VITAL (Grant agreement no.: 213178; FP7 collaborative project; from April 2008 – April 2011). Web page: <http://eurovital.csl.gov.uk/>
3. „**Understanding and combating porcine reproductive and respiratory syndrome in Europe**“ (COST FA0902 Action); Coordinator: dr Tahar Ait-Ali, University of Edinburgh, Roslin Institute, UK; (2009-2013). Web page: [www.europrrs.net](http://www.europrrs.net)
4. “Prevention of CSF spreading in cross-border region through improvements of sanitary standards and education of farmers” supported by IPA: Cross-Border Program Croatia-Serbia 2007-2013, **Coordinator dr Sava Lazic (2011-2012)**

#### **Bilateral projects:**

1. Harmonization and development of molecular methods for detection and characterization of some economically important animal viruses, Project No. 36, 2010-2011, conducted with NVI, Veterinary faculty, Ljubljana, Slovenia. Coordinator dr Tamas Petrovic
2. Assessment of zoonotic viral activity in Serbia, Project No. 5, 2011-2012, conducted with Department of biotechnology, Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA), Madrid, Spain. Coordinator dr Tamas Petrovic
3. Detection and characterization of avian and other animal influenza viruses and avian paramyxoviruses - molecular methods harmonization and standardization, Project No. 69-00-80/2010-02, 2011-2012, conducted with Poultry Centre, Croatian Veterinary Institute, Zagreb, Croatia. **Coordinator dr Sava Lazic**

#### **National projects:**

Participated in 20 national scientific and research projects.

#### **Projects of Ministry of Science and Technology of the Republic of Serbia**

1. Wild animal health monitoring and introduction of new biotechnology procedures in detection of infectious and zoonotic agents – risk analysis for human health, domestic and wild animal health and for environmental contamination; Project No: TR31084; Coordinator dr Tamas Petrovic (2011-2014).
2. Biotechnology procedures in diagnostics of viral and bacterial infections, microbiological food contaminants and biological products in veterinary medicine Project No; 20115; **Coordinator dr Sava Lazic** (2008 – 2011).
3. Development of technology procedures for establishment of the collection of pathogen microorganisms from animals and their isolation, typization, attestation and standardization Project No; TR-6860B; **Coordinator dr Sava Lazic** (2005 – 2007).
4. Technology procedures for control and eradication of bovine infective rhinotracheitis and contagious chicken anemia; Project No; BTR.5.05.4331.B; **Coordinator dr Sava Lazic** (2001 – 2004)
5. Investigations in order to make improvement and protection of animal health and reproduction, safety of food of animal origin and feed safety - 12M15 (1996 - 2000).

#### **Project of Ministry of Agriculture, Forestry and Water Management – Veterinary Directorate**

1. Estimation of the prevalence of BVDV infection in dairy cattle on Southern Backa and Srem district and determination of present virus types and subtypes; Contract No: 401-00-13672/2006-05; Coordinator dr Tamas Petrovic (2006 – 2007)

2. The prevalence and significance of circovirus infection in swine population in Vojvodina region; Contract No: 401-00-06731/2005-05; Coordinator MSc Radoslav Dosen (2006 – 2007)
  3. Epizootiology study, veterinary and selection control of boars for artificial insemination in reproductive centers and harmonization of clinical and laboratory practice with the EU countries; Contract No: 401-00-06729/2005-05; Coordinator dr Milovan Jovicin (2006 – 2007)
  4. Development and application of the program for eradication of bovine herpes virus type 1 infection; Contract No: 401-00-13687/2006-05; **Coordinator dr Sava Lazic** (2006 – 2007)
  5. The evaluation of vaccine efficiency against classical swine fever in controlled conditions; Contract No: 401-00-13700/2006-05; Coordinator dr Dragica Stojanovic (2006 – 2007)
  6. Estimation of the prevalence and health importance of equine arthritis, equine herpesvirus and equine infectious anemia; Contract No: 401-00-13685/2006-05; **Coordinator dr Sava Lazic** (2006 – 2007)
  7. The importance of avian influenza serology monitoring for prevention of the outbreaks and spread of the infection caused by highly pathogen avian influenza (HPAI) strains; Contract No: 401-00-13684/2006-05; Coordinator dr Dusan Orlic (2006 – 2007)
  8. Improvement of diagnostic procedures for detection of avian influenza and implementation of disease monitoring in Republic of Serbia on epizootiology area 1, 2, 3 and 11; Contract No: 401-00-06686/2005-05; Coordinator dr Dusan Orlic (2005 – 2006)
- Project of Provincial Secretary for Science and Technological Development**
1. Typization of Avian and other Influenza Viruses by using Molecular Diagnostic Techniques; Contract No: 114-451-01542/2005-01; 114-451-02055/2006-01 and 114-451-001486/2007-02; **Coordinator dr Sava Lazic**; (2005-2006; 2006 – 2007; 2007 – 2008)
  2. Analysis of the implementation of control and eradication program of herpesvirus infection in breeding cattle herds; Contract No: 114-451-00960/2006-01; **Coordinator dr Sava Lazic**; (2007 – 2008)
  3. Development of the Programme for Prevention and Eradication of Herpesvirus Infection in Cattle Breeding Herds; Contract No: 114-451-00555/2005-01; **Coordinator dr Sava Lazic**; (2005-2006)
  4. The Project for Development and Improvement of Assembly Line Production of Fetal Calf Sera and Primary Cell Cultures According to the ATCC Standards; Contract No: 114-451-00809/2005-01; **Coordinator dr Sava Lazic**; (2005-2006)