

## CURRICULUM VITAE – Martin Nikolovski

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| <b>Family name</b>   | Nikolovski   |   |  |
| <b>Given name</b>    | Martin   |   |  |
| <b>Date of birth</b> | 12. 09. 1984   |   |  |
| <b>Birthplace</b>    | Skopje, R. Macedonia                                   |   |  |
| <b>Citizenship</b>   | R. Macedonia   |   |  |
| <b>Contact</b>       | <b>Work</b>  | <b>Private</b>  |  |
| <b>Address</b>       | Lazar Pop Trajkov 5/7<br>1000, Skopje,<br>R. Macedonia | Bul. Jane Sandanski<br>Br. 60/1-20, Skopje,<br>R. Macedonia |  |
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### ACADEMIC QUALIFICATIONS:

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| <b>PhD postgraduate studies (2012-)</b>                 | “Ss. Cyril and Methodius” University in Skopje<br>School for doctoral studies<br>Faculty of Veterinary Medicine in Skopje<br><b>(PhD Student)</b> |
| <b>Graduate studies (2003-2011)</b>                     | “Ss. Cyril and Methodius” University in Skopje<br>Faculty of Veterinary Medicine in Skopje<br><b>(Doctor of Veterinary Medicine)</b>              |
| <b>Elementary and High school education (1991-2003)</b> | Elementary school “Ljuben Lape” in Skopje<br>D.U.S.O. “Brakja Miladinovtsi” in Skopje<br><b>(Veterinary Technician)</b>                           |

### OTHER QULAIFICATIONS:

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| <b>05.03. 2013 – 2018</b> | License for Doctor of Veterinary Medicine (A0377) issued by Veterinary Chamber of Macedonia |
| <b>15/6/2016</b>          | Training for save working at height – Certificate No.8082-BIC 3                             |

### LANGUAGE SKILLS:

|                  | Reading   |      |            |        | Writing   |      |            |        | Speach    |      |            |        |
|------------------|-----------|------|------------|--------|-----------|------|------------|--------|-----------|------|------------|--------|
|                  | Excellent | Good | Sufficient | Little | Excellent | Good | Sufficient | Little | Excellent | Good | Sufficient | Little |
| <b>English</b>   | ☑         |      |            |        | ☑         |      |            |        | ☑         |      |            |        |
| <b>Serbian</b>   | ☑         |      |            |        |           | ☑    |            |        |           | ☑    |            |        |
| <b>Bulgarian</b> | ☑         |      |            |        |           |      |            | ☑      |           |      |            | ☑      |



**WORK EXPERIENCE:**

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| <b>Teaching Assistant<br/>(July 6<sup>th</sup> 2015)</b>                | “Ss. Cyril and Methodius” University in Skopje<br>Faculty of Veterinary Medicine in Skopje<br>Institute for reproduction and biomedicine               |
| <b>Researcher<br/>(January 1<sup>th</sup>-July 6<sup>th</sup> 2015)</b> | “Ss. Cyril and Methodius” University in Skopje<br>Faculty of Veterinary Medicine in Skopje<br>Institute for reproduction and biomedicine               |
| <b>Professional associate<br/>(2014-2015)</b>                           | “Ss. Cyril and Methodius” University in Skopje<br>Faculty of Veterinary Medicine in Skopje   |
| <b>Educational associate<br/>(2012-2014)</b>                            | “Ss. Cyril and Methodius” University in Skopje<br>Faculty of Veterinary Medicine in Skopje<br>Department of functional morphology<br>Animal physiology |
| <b>Educational associate<br/>(2009-2012)</b>                            | “Ss. Cyril and Methodius” University in Skopje<br>Faculty of Veterinary Medicine in Skopje<br>Department of functional morphology<br>Animal physiology |

**SCIENTIFIC PROJECTS AND ACTIVITIES:**

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| <b>2016</b>        | “Ss Cyril and Methodius” University in Skopje; Faculty of veterinary medicine in Skopje<br>“Animal rescue capacity building” ERASMUS+ KA2 strategic partnership project 2015-1-TR01-KA204-022441/EK-1   |
| <b>2014</b>        | “Ss Cyril and Methodius” University in Skopje; Faculty of veterinary medicine in Skopje<br>“Immunohistochemical identification of morphological types of skeletal muscle fibers in lambs in postnatal development period and its use as indicators for quality evaluation of lamb meat”   |
| <b>2013</b>        | Ministry for agriculture, forestry and water economy of R. Macedonia<br>Rural development program for preservation of genetic biodiversity of autochthonous breeds in farm animals; Program for preservation of biodiversity in animal husbandry  |
| <b>2013</b>        | Veterinary Research Institute, Hellenic Agricultural Organization-DEMETER, Thessaloniki, Greece and Ss Cyril and Methodius University in Skopje, Faculty of Veterinary Medicine in Skopje, Macedonia<br>“A preliminary study on cryopreservation of bovine semen at high dilution rates (50-100 dilution folds) for low-dose artificial insemination (AI) from elite bulls or sex-sorted semen samples” |
| <b>(2011-2012)</b> | International research project<br>FP7 SEEERA.NET PLUS 083INDI_SHEEP TRADI_CHEESE  |

**SCIENTIFIC AND PROFESSIONAL VISITS:**

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| <b>10-12.10/2016</b> | Annual SALAAM Meeting 2016 Welfare and Regulation of Large Animal Models, Participation  |
| <b>22-24.09/2016</b> | 7-th International Scientific Meeting; Days of Veterinary Medicine 2016; Paticipation; Secretariat   |
| <b>27.9-9.9/2016</b> | Invited speaker at international workshop “Animal rescue capacity building” ERASMUS+ KA2 strategic partnership project 2015-1-TR01-KA204-022441/EK-1 |

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| <b>30.6-3.7/2016</b>                                  | Participation at veterinary students international meeting “Veterinijada 2016” in Zlatibor, R. Serbia  |
| <b>24-26/9/2015</b>                                   | 6-th International Scientific Meeting. Days of Veterinary Medicine 2015, Struga, Macedonia.  |
| <b>18-21.05.2015</b>                                  | COST Action FA1201; Training school on Epigenetics in Reproductive Biology, University of Espinardo, Murcia, Spain   |
| <b>26-29.04.2015</b>                                  | COST Action FA 1201; EpiConcept; Epigenetics and Periconception Environment (workshop)   |
| <b>26-29.04.2015</b>                                  | Epiconcept Workshop 2015, Dubrovnik, Croatia. Oral presentation of abstract: „ Ram spermatozoa motile and metabolic activity – potentially predictable pattern of ejaculate fatty acid composition“                              |
| <b>5-7.09.2014</b>                                    | 5-th International Scientific Meeting; Days of Veterinary Medicine 2014; Oral presentation: “Change in Fatty Acid Composition of Chilled Ram Semen in Relation to Spermatozoa Motile Activity”                                   |
| <b>28 – 30.05.2014</b>                                | International VetIstanbul Group Congress 2014; Oral presentation: “Effect of glutathione on kinematic parameters of frozen-thawed spermatozoa from Ovchepolian Pramenka rams”  |
| <b>08 – 10. 10. 2013<br/>Skopje, R.<br/>Macedonia</b> | International scientific conference (ISAE; AWARE)<br>Joint East and West Central Europe ISAE Regional Meeting 2013<br>“Behavioral signs for stress and pain in animals”  |
| <b>06 – 08. 09. 2013<br/>Struga, R.<br/>Macedonia</b> | International scientific conference „Days of veterinary medicine 2013“ (Faculty of veterinary medicine in Skopje)<br>Oral presentation: „Effects of reduced glutathione on kinetic parameters of ram spermatozoa”                |
| <b>25. 06. 2013<br/>Skopje, R.<br/>Macedonia</b>      | Scientific conference (RSPCA)<br>(Faculty of veterinary medicine in Skopje)<br>„Evaluation of aggressive dogs“   |
| <b>14. 12. 2012<br/>Thessaloniki, R.<br/>Greece</b>   | Final conference of scientific project<br>FP7 SEEERA.NET PLUS 083INDI_SHEEP TRADI_CHEESE<br>Oral presentation: „Cryopreservation of Ovchepolean Pramenka ram semen with different diluents and antioxidants “                    |
| <b>02-04. 09. 2013<br/>Ochrid, R.<br/>Macedonia</b>   | Scientific conference „Days of veterinary medicine 2012“<br>(Faculty of veterinary medicine in Skopje)   |
| <b>09 – 11. 09. 2011<br/>Ochrid, R.<br/>Macedonia</b> | Scientific conference „Days of veterinary medicine 2011“<br>(Faculty of veterinary medicine in Skopje)<br>Poster presentation: „Serum levels of glucose and urea nitrogen in early and middle stages of lactation in dairy cows“ |
| <b>18 – 19. 09. 2008<br/>Zadar, R. Croatia</b>        | Satellite workshop in framework of TAIEX   |
| <b>20 – 22. 06. 2008<br/>Ochrid, R.<br/>Macedonia</b> | First Veterinary Students Fair organized by SSFVM<br>Oral presentation: “Carnivorous animals in Macedonia”   |
| <b>13 – 16. 06. 2007<br/>Zagreb, R. Croatia</b>       | Second Veterinary Students Congress  |
| <b>03 – 08. 05. 2004<br/>Skopje, R.<br/>Macedonia</b> | Plastination workshop<br>(Faculty of veterinary medicine in Skopje)  |

**ABROAD UNIVERSITY STAY:**

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|---|---|
| <b>01. 09 – 31. 12. 2007</b><br><b>Budapest, R.</b><br><b>Hungary</b> | IX semester, graduate studies at “Faculty of veterinary sciences in Budapest”<br>Student exchange program Vet NEST network (CEEPUS program) |
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**PUBLISHED SCIENTIFIC WORKS:**

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|-----|--|
| 1.  | Atanasov B., Mickov Lj., Adamov N., Petkov V., Trojacanec P., Ilievska K, <b>Nikolovski M.</b> , Dovenski T. (2010). Possibilities for early pregnancy diagnosis in dairy cows on day 21 after artificial insemination. BG Journal of Animal Science vol. XLVI supplement 1 p.187-190 Sofia,Bulgaria   |
| 2.  | Atanasov B., Dovenski T., Mickov Lj., <b>Nikolovski M.</b> , Blagoevska K. Adamov N., Ilieska K. Angelovski Lj. (2011). Introducing the standard anti-mastitis measures for reducing the incidence of clinical and subclinical mastitis in dairy cows – field trial – Clinica Veterinaria Subotica 16-18. June, p 181-182  |
| 3.  | Atanasov B., Mickov Lj., <b>Nikolovski M.</b> , Ilievska K., Dovenski T.,(2011).Uses of low dose GnRH and eCG treatment of static ovaries in the beginning of the transition period in high yielding dairy cows. Denovi na Veterinarna Medicina, Ohrid Proceedings.118, ISBN 978-9989-774-20-X   |
| 4.  | Atanasov B., Esmerov I., <b>Nikolovski M.</b> , Dovenski T., (2011). Trans-rectal ultrasound monitoring of the cystic ovarian structures in high yielding cows treated with different doses of GnRH analogue - field trial. Proceedings of the 19th International Congress of Mediterranean federation of health and production of ruminants, 455-459, 25-28 May, Belgrade, Serbia                       |
| 5.  | Dovenski T., Petkov V., Trojacanec P., Mickov Lj., Atanasov B., <b>Nikolovski M.</b> , Kocovski Lj., (2011). Primena novijih biotehnickih metoda za poboljsnje reproduktivne efikasnost ovaca. Reprodukcijska domacih zivotinja Zbornik predavanja Divcibare R.Srbija p.99-106   |
| 6.  | <b>Nikolovski M.</b> , Petkov V., Blagoevska K., Atanasov B., (2011). Serum levels of glucose and urea nitrogen in early and middle stages of lactation in dairy cows.Days of Veterinary Medicine 2011, Ohrid Proceedings p.122, ISBN 978-9989-774-20-X  |
| 7.  | MickovLj., Dovenski T., Petkov V., <b>Nikolovski M.</b> , Tomeska-Mickova S., Blagoevska K., (2012). Morphology parameters of cryopreserved boar spermatozoa. Proceedings of 10th Congress of Italian Society of Animal Reproduction (SIRA 2012). ISBN: 978-88-907328-0-5  |
| 8.  | MickovLj., Dovenski T., Petkov V., Atanasov B., Adamov N., <b>Nikolovski M.</b> , Blagoevska K., Tomeska-Mickova S. (2012). Distribution of the spermatozoa subpopulation in cryopreserved boar semen. Days of Veterinary Medicine 2012. Proceedings, pp. 265-270, UDC: 636.4.09:612.616.2.086.13  |
| 9.  | <b>Nikolovski M.</b> , Petkov, V., Trojacanec, P., Milovanovic, A., Barna, A., Atanasov, B.,Dovenski, T. (2012). Cryopreservation ofOvchepolean Pramenka ram semen withdifferent diluents and antioxidants. Sustainableproduction of cheeses from local sheep milk inthe Balkans; Book of abstracts pp.13  |
| 10. | <b>Nikolovski M.</b> , Atanasov B., Dovenska M., Petkov V., Dovenski T. (2012) Variations in Semen Quality Parameters of Ovchepolian Pramenka Rams According to the Method of Collection and the Meteorological Season. <i>Mac Vet Rev 2012; 35 (2): 79-86.</i> UDC: 636.39.082.453.5(497.732)   |
| 11. | <b>Nikolovski M.</b> , MickovLj., Dovenska M., Petkov V., Atanasov B., Dovenski T. (2013). Effect of reduced glutathione on kinematic parameters of ram spermatozoa (Oral presentation). Days of veterinary medicine 2013. Proceedings, pp. 56 ISBN 978-9989-774-25-6  |
| 12. | Atanasov B., MickovLj.,Esmerov I., Ilievska K., <b>Nikolovski M.</b> , Dovenski T. (2013). Ovarian response and conception rate from first AI in high yielding dairy cows diagnosed with static ovaries and treated by progestagens and GnRH. XIII Middle European Buiatric’s Congress, Congress proceedings 2013, pp. 187-191. ISBN 978-86-916767-0-4 (SBA); UDC: 636.234+618.179:616-089.888.11+612.63 |
| 13. | MickovLj., Atanasov B., Blagoevska K., Esmerov I., <b>Nikolovski M.</b> , Dejnosi T., Dovenski T. (2013). Kinetic parameters of cryopreserved Yorkshire boar semen (Oral presentation). Days of veterinary medicine 2013. Proceedings, pp. 53 ISBN 978-9989-774-25-6   |
| 14. | Atanasov B., MickovLj., <b>Nikolovski M.</b> , Ilievska K., Paunkov I., Burmuzoska A., Dovenski T. (2013). Prediction of positive pregnancy diagnosis in dairy cows on day 21 after artificial insemination – on farm  |

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|     | report. Days of veterinary medicine 2013. Proceedings, pp. 57 ISBN 978-9989-774-25-6  |
| 15. | Rradeski M., Janevski A., <b>Nikolovski M.</b> , Pendovski L., Ilieski V. (2013). Usage of tri-axial acceleration of the hind leg for recognizing sheep behavior. Days of veterinary medicine 2013. Proceedings, pp. 63 ISBN 978-9989-774-25-6  |
| 16. | Dovenska M., Vince S., Spoljaric B., <b>Nikolovski M.</b> , Dovenski T., Grizelj J. (2013). Influence of geographical location change on onset of sexual activity in indigenous Pramenka of Lika sheep (poster presentation). Days of veterinary medicine 2013. Proceedings, pp. 131 ISBN 978-9989-774-25-6   |
| 17. | <b>Martin Nikolovski</b> , Monika Dovenska, Riste Uzunov, ZehraHarulai, Musliu, Vladimir Petkov, Toni Dovenski (2014). Change in Fatty Acid Composition of Chilled Ram Semen in Relation to Spermatozoa Motile Activity (Abstract); Proceedings of the 5-th International Scientific Meeting Days of Veterinary Medicine 2014, Ohrid, Macedonia pp 32   |
| 18. | MiroslavRadeski, Katerina Blagoevska, AleksandarJanevski, <b>Martin Nikolovski</b> , Vladimir Petkov, LazoPendovski, Vlatko Ilieski. Assessment of stress response in sheep during withnessing slaughtering process of another sheep. Proceedings of the first dairycare conference 2014 (COST FA1308) pp. 58 (poster presentation)   |
| 19. | Monika Dovenska, FlorinaPopovska, Percinic, Vladimir Petkov, <b>Martin Nikolovski</b> , Toni Dovenski (2014). Semen Quality of Ovchepolean Pramenka Rams During Non-Breeding Season. Proceedings of the 5-th International Scientific Meeting Days of Veterinary Medicine 2014, Ohrid, Macedonia pp 41  |
| 20. | Branko Atanasov, LjupcoMickov, Igor Esmerov, Ksenija Ilieska, <b>Martin Nikolovski</b> , Toni Dovenski (2014). Possibility for Inducing Follicular Growth in Dairy Cows Diagnosed with Inactive-Static Ovaries Using two Different Treatment Methods – A Field Trial (2014). Proceedings of the 5-th International Scientific Meeting Days of Veterinary Medicine 2014, Ohrid, Macedonia pp 32                  |
| 21. | Branko Atanasov, LjupcoMickov, Igor Esmerov, Ksenija Ilievska, <b>Martin Nikolovski</b> , Toni Dovenski (2014). Two possible hormonal treatment methods for inducing follicular growth in dairy cows with inactive–static ovaries. Mac Vet Rev 2014; 37 (2): 171-177  |
| 22. | <b>Martin Nikolovski</b> , LjupcoMickov, Monika Dovenska, Vladimir Petkov,Branko Atanasov, Toni Dovenski (2014). Influence of glutathione on kinetic parameters of frozen-thawed spermatozoa of Ovchepolean Pramenka rams. Mac Vet Rev 2014; 37 (2): 121-128  |
| 23. | T. Dovenski, V. Petkov, V. Dzabirski, F. Popovska-Percinic, B. Atanasov, K. Porcu, S. Trojacanec, K. Ilievska, <b>M. Nikolovski</b> , M. Dovenska, P. Trojacanec (2015). Reproductive biotechnical methods – Effective tools for preservation of endangered indigenous farm animal breeds. II Internatinal VETIstanbul Group Congress Russia 2015 Saint-Peterbburg Russia; Proceedings UDK:061.3:619, pp. 121   |
| 24. | <b>Martin Nikolovski</b> , Monika Dovenska, Miroslav Radevski, Risto Uzunov, Branko, Zehra Hajrulai Musliu, Vladimir Petkov, Toni Dovenski (2015). Ram spermatozoa motile and metabolic activity – potentially predictable pattern of ejaculate fatty acid composition (conference paper-oral presentation). COST EPICONCEPT Workshop 2015 Periconception Environment, At Dubrovnik, Croatia 26 - 29 April 2015 |
| 25. | Monika Dovenska, <b>Martin Nikolovski</b> , Vladimir Petkov, Krum Manavski, Viktor Ristov, Florina Popovska-Percinic, Vladimir Petkov, Toni Dovenski (2015). Suitability of centrifugation based technique for spermatozoa isolation. Posters; Mac Vet Rev 2015; 38 (Supp.1) pp. 36   |
| 26. | Ljupcho Mickov, Branko Atanasov, Vladimir Petkov, <b>Martin Nikolovski</b> , Katerina Blagoevska, Toni Dovesnki (2015). The influence of cryoprotectant concentration on motility of cryopreserved boar spermatozoa. Posters; Mac Vet Rev 2015; 38 (Supp.1) pp. 35  |
| 27. | Viktor Denkovski, Biljana Stojchevska, <b>Martin Nikolovski</b> , Monika Dovenska, Toni Dovenski (2015). Wireless sensors for herd health monitoring and production management in dairy farming. Posters; Mac Vet Rev 2015; 38 (Supp.1) pp. 41  |
| 28. | Dovenski, T., Petkov, V., Popovska, P. F., Atanasov, B., Ilievska, K., <b>Nikolovski, M.</b> , Dovenska, M., Trojacanec, P. (2015). Ex-situ conservation of indigenous Pramenka sheep in Macedonia using assisted reproductive technologies. <i>Reproduction in Domestic Animals</i> 50 (sup. 3):84. September 2015. Impact factor 1.52   |
| 29. | Dimitar Bozhinovski, <b>Martin Nikolovski</b> , Monika Dovenska, Toni Dovenski (2016). Morphometric Dynamics Of Spermatozoa Throughout The Ram Breeding And Post-Breeding Season in Macedonia. Proceedings of <i>Days of veterinary medicine 2016</i> , pp109. ISBN 978-9989-774-27-0   |
| 30. | Branko Atanasov, Zvonko Trbogazov, Ksenija Ilievska, Martin Nikolovski, Vladimir Petkov, Monika   |

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|            | Dovenska, Nikola Adamov, Boris Stojanov, Toni Dovenski (2016). Conception Rate From First AI In Cows Submitted To Three Different Synchronization Protocols: A Single PGF <sub>2α</sub> Injection, Ovsynch And Modified Ovsynch. Proceedings of <i>Days of veterinary medicine 2016</i> , pp31. ISBN 978-9989-774-27-0 |
| <b>31.</b> | Miroslav Radeski, Monika Dovenska, Martin Nikolovski, Vlatko Ilieski (2016). Major Challenges in Periodic Measurements Of Environmentally Noxious Gasses Emitted From Animal Farms In Macedonia. Proceedings of <i>Days of veterinary medicine 2016</i> , pp120. ISBN 978-9989-774-27-0                                |

**OTHER ACTIVITIES:**

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|---|---|
| <b>Professional translation from English to Macedonian (2012)</b> | Thomas Colville, Joanna M. Bassert (2012). Clinical anatomy and physiology for veterinary technicians (2008). ISBN: 978-608-229-334-9;COBISS.MK-ID - 92146954 |
| <b>15/6/2016</b>  | Training for safe working at height – Certificate No.8082-BHC 3   |