

# **CURRICULUM VITAE – доцент др Бранко Атанасов, Msci, PhD DVM**

## **ОПШТИ ИНФОРМАЦИИ**

<b>Презиме:</b>	Атанасов	
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<b>Датум на раѓање:</b>	13.06.1977	
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## **АКАДЕМСКИ КВАЛИФИКАЦИИ:**

2011-2015	<p>Степен – доктор по ветеринарни науки (PhD);          докторски студии - Репродукција на домашните животни, Катедра за репродукција на домашните животни, Факултет за ветеринарна медицина, Скопје, Македонија.</p> <p>Наслов на докторска дисертација: „Фоликулинска развојна динамика следена преку маснокиселинскиот состав при модифициран синхронизациски протокол кај молзните крави“</p> <p>Ментор: проф. д-р Довенски Тони          Адреса на факултетот: Лазар Поп Трајков 5/7, 1000 Скопје, Македонија.          Тел: ++389-2-32-40-731; факс: ++389-2-311-4619  <a href="http://www.fvm.ukim.edu.mk">www.fvm.ukim.edu.mk</a></p>
2006-2011	<p>Степен – Магистар по ветеринарни науки (MSc);          Постдипломски студии - Репродукција на домашните животни, Катедра за репродукција на домашните животни, Факултет за ветеринарна медицина, Скопје, Македонија, во траење од 4 семестри.</p> <p>Наслов на магистерска тема: „Одговор на јајчиците од езогена апликација на GnRH и eCG кај крави со нефункционални јајчици 60 од отелувањето“</p> <p>Ментор: проф. д-р Довенски Тони          Адреса на факултетот: Лазар Поп Трајков 5/7, 1000 Скопје, Македонија.          Тел: ++389-2-32-40-727; факс: ++389-2-311-4619  <a href="http://www.fvm.ukim.edu.mk">www.fvm.ukim.edu.mk</a></p>
1995 - 2003	<p>Степен - Доктор по ветеринарна медицина :          Факултет за ветеринарна медицина – Скопје</p> <p>Адреса на факултетот: Лазар Поп Трајков 5/7, 1000 Скопје, Македонија.          Тел: ++389-2-32-40-727; факс: ++389-2-311-4619  <a href="http://www.fvm.ukim.edu.mk">www.fvm.ukim.edu.mk</a></p>

### **ВРАБОТУВАЊЕ:**

2003-2004	ЗИК „Гоце Делчев“ – краварска фарма <b>Главен ветеринарен доктор</b>
2004-2006	АИК „ЕУРОЛЕНД“ – краварска фарма <b>Главен ветеринарен доктор</b>
2006-2009	ИНБЕРГ М Скопје, приватна фирма Управител-менаџер
Јуни 2009 – декември 2011	Факултет за ветеринарна медицина, Скопје, Институт за репродукција и биомедицина, Катедра за Репродукција <b>ИСТРАЖУВАЧ</b>
2011 -2015	Факултет за ветеринарна медицина, Скопје, Институт за репродукција и биомедицина, Катедра за Репродукција <b>АСИСТЕНТ</b>
2015 -	Факултет за ветеринарна медицина, Скопје, Институт за репродукција и биомедицина, Катедра за Репродукција <b>ДОЦЕНТ</b>

### **НАУЧНИ И СТРУЧНИ ПОСЕТИ:**

Февруари 2009	1st Conference of the Balkan Network for the Animal Reproduction Biotechnology, Sofia, Bulgaria
Октомври 2010	Благосостојба кај фармски животни, Охрид - Workshop
Октомври 2010	1 конгрес Денови на ветеринарна медицина, Охрид
Ноември 2010	Anniversary scientific conference with international participation - Sofia, Bulgaria
Maj 2011	19 <sup>th</sup> International congress of Mediterranean federation of health and production of ruminants, Belgrade Serbia
Септември 2011	2 конгрес Денови на ветеринарна медицина, Охрид
Септември 2011	The 15 <sup>th</sup> Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR) Antalya, Turkey
Јули 2012	Летна школа „Reproduction in ruminants“, Сплит Р. Хрватска
Декември 2012	Стручен семинар, Пленарно предавање, Интервенции во областа на хирургија и репродукција кај преживи животни, организиран од Ветеринарната комора на РМ во Скопје, со наслов: Откривање и сузбивање на репродуктивни нарушувања кај млечните крави (18.12.2012 )
Септември 2012	3 конгрес Денови на ветеринарна медицина, Охрид
Септември 2013	4-ти конгрес Денови на ветеринарна медицина, Струга
Јуни 2013	XIII Middle European Buiatric's Congress Belgrade, Republic of Serbia
Септември 2014	5-ти конгрес Денови на ветеринарна медицина, Охрид
Септември 2015	The 19 <sup>th</sup> Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR) Varna, Bulgaria
Септември 2015	6-ти конгрес Денови на ветеринарна медицина, Струга
Maj 2016	3 <sup>th</sup> International VetIstanbul group congress Sarajevo, Bosnia and Herzegovina
Јуни 2016	World congress of animal reproduction ICAR 2016 – Tours, France
Јули 2016	Летна школа, Репродукција - Тројан, Р. Бугарија
Септември 2016	7-ми конгрес Денови на ветеринарна медицина, Струга

### **ДОПОЛНИТЕЛНИ ПОДАТОЦИ:**

Од 2011 година членува во Европска асоцијација за репродукција кај домашните животни (ESDAR).
- Член на организационен одбор на научно-стручниот собир „Денови на ветеринарна медицина“-2012 година
- Член на секретаријат на научно-стручниот собир „Денови на ветеринарна медицина“-

2013 година

- Член на секретаријат на научно-стручниот собир „Денови на ветеринарна медицина“- 2014 година
- Член на секретаријат на научно-стручниот собир „Денови на ветеринарна медицина“- 2015 година
- рецензент на списанието Macedonian Veterinary Review – Стручно/научно списание на Факултетот за ветеринарна медицина во Скопје

2016 година

- рецензент на списанието Macedonian Veterinary Review – Стручно/научно списание на Факултетот за ветеринарна медицина во Скопје

#### УЧЕСТВО ВО ПРОЕКТИ:

Јуни 2008 - Април 2009	Balkan Network of Biotechnology in Animal Reproduction for the Protection and Restoration of Animal Genetic Resources in the Region (ASO project – Austrian Science and Research Liaison) <a href="http://www.aso.zsi.at/project_4_01_2008.html">http://www.aso.zsi.at/project_4_01_2008.html</a>
Октомври 2010 Декември 2011	Трансфер на знаење од областа на производство на безбедно кравјо млеко, проект МЗШВ
2011-2012	Sustainable production of traditional cheeses from local sheep milk, in the balkans:1. Improved reproductive management of indigenous-sheep-breeds populations, 2. Ensuring of traditional cheeses hygiene and quality (SEE-ERA.NET Plus Joint Project SEEERAPLUS-083)
1.11.2013- 1.09.2014	Erasmus Mundus Partnerships Action 2 Scholarships for academic exchange between EU and Western Balkans, University of Ghent, Faculty of veterinary medicine - Gent Belgium

#### ОБЈАВЕНИ ТРУДОВИ:

1. Effect of Norgestomet on successful resumption of ovarian activity in postpartum non-cyclic dairy cows (2006) - T. Dovenski, P.Trojicanec, Lj. Kocoski, K. Popovski, V. Petkov and **B. Atanasov**, Reproduction in Domestic Animals, Vol. 41, No 4, August
2. Modifikovana Weingart-ova metoda za ruminotomiju mlečnih krava P. Trojačanec, K. Ilievska, **B. Atanasov** (2007) - Symposium on Veterinary Clinical Pathology and Therapy "Clinica Veterinaria" Palic, Serbia
3. Monitoring of early embryonic mortality in dairy cows using ultrasound and progesterone profile (2009) - Dovenski T., Trojicanec P., Petkov V., **Atanasov B.**, Grizelj J., 2<sup>nd</sup> General Meeting of GEMINI Maternal communication with Gametes and Embryo, Sardinia Italy
4. Use of ultrasound imaging of the ovaries for early pregnancy diagnosis in dairy cows, (2009) - T. Dovenski, P.Trojicanec, Lj. Kocoski, V. Petkov, Lj. Mickov , **B. Atanasov** , Proceedings of the 1st Conference of the Balkan Network for the Animal Reproduction Biotechnology, 43-44, BAN, 18-19 February, Sofia, Bulgaria
5. Adamov N., Petkov V., **Atanasov B.** (2009): Correlations among somatic cell number, bacterial counts and quality of raw cow's milk in first lactation. Macedonian veterinary review vol. 32 no. 2.
6. BONVITAL ® (Enterococcus faecium DSM 7134) Effects upon broiler performance (2010) <sup>1</sup>Katerina Blagoevska, <sup>2</sup>Aleksandar Dodovski, <sup>1</sup>**Branko**

7. Atanasov, <sup>3</sup>Radmila Crceva-Nikolovska, <sup>3</sup>Ljupco Angelovski, <sup>3</sup>Todor Novakov, Denovi na Veterinarna Medicina, Ohrid, Proceedings p 38-39  
Blood serum concentration of NEFA, BHB, glucose & triglycerides in dairy cows with different reproductive status during summer heat stress (2010) - Dovenski T., Celeska I., Trojacanec P., **Atanasov B.**, Ulcar I., Jasari B., Trojacanec S. ICPD 20-24 June ,Gent, Belgium
8. Comparison of qualitative motility parameters of bull spermatozoa from Holstein and Simmental diluted in different extenders. (2010).- Mickov Lj, Dovenski T, Petkov V, Ilieski V, **Atanasov B.** (2010) - BG Journal of Animal Science vol. XLVI supplement 1 p.184-187 Sofia ,Bulgaria
9. Possibilities for early pregnancy diagnosis in dairy cows on day 21 after artificial insemination (2010) - **Atanasov B.**, Mickov Lj., Adamov N., Petkov V., Trojacanec P., Ilievska K, Nikolovski M., Dovenski T., BG Journal of Animal Science vol. XLVI supplement 1 p.187-190 Sofia,Bulgaria
- 
10. Acute phase response in dairy cattle with claw disorders (2011) - Ilievska K., Dovenski T., **Atanasov B.**, Celeska I. and Trojacanec P. 9<sup>th</sup> International Congress of Fe.Me. S.P.Rum 25-28 May Belgrade Serbia
11. Trans-rectal ultrasound monitoring of the cystic ovarian structures in high yielding cows treated with different doses of GnRH analogue - field trial (2011) - **Atanasov B.**, Esmerov I., Nikolovski M., Dovenski T. 9<sup>th</sup> International Congress of Fe.Me. S.P.Rum 25-28 May Belgrade Serbia p 455-460
12. Primena novijih biotehnickih metoda za poboljsanje reproduktivne efikasnosti ovaca (2011)- Dovenski Toni, Petkov Vladimir, Trojacanec Plamen, Mickov Ljupco, **Atanasov Branko**, Nikolovski Martin, Kovacski Ljupce Reprodukcija domaćih životinja Zbornik predavanja Divcibare R.Srbija p.99-106
13. Ultrasound observation of ovarian dynamic after treatment of postpartum anoestrus dairy cows by GnRH and eCG (2011)- **Atanasov B.**, Mickov Lj., Esmerov I., Trojacanec P., Dovenski T Reproduction in Domestic Animal, Volume 46, Issue Supplement 3 p.87
14. Serum levels of glucose and urea nitrogen in early and middle stages of lactation in dairy cows (2011) – Nikolovski Martin, Petkov Vladimir, Blagoevska Katerina, **Atanasov Branko**, Denovi na Veterinarna Medicina, Ohrid Proceedings p.122
15. Qualitative motility parameters of boar spermatozoa (2011) - Mickov Ljupco, Dovenski Toni, Blagoevska Katerina, **Atanasov Branko**, Denovi na Veterinarna Medicina, Ohrid Proceedings p.66
16. Uses of low dose GnRH and eCG treatment of static ovaries in the beginning of the transition period in high yielding dairy cows (2011) - **ATANASOV Branko AB\***, Mickov Ljupco MLj, NIKOLOVSKI Martin NM, ILIEVSKA Ksenija IK, DOVENSKI Toni DT, Denovi na Veterinarna Medicina, Ohrid Proceedings p.118
17. Comparison between fatty acid composition of follicular fluid and blood serum in dairy cows with ovarian disorders (2011) - Dovenski T., P.Trojacanec, Z. Hajrulai Musliu, **B. Atanasov**, R. Uzunov, B. Jasari, M. Dovenska , Grizelj J. Proceeding of 4<sup>nd</sup> General Meeting of GEMINI Maternal communication with Gametes and Embryo, 29 September – 2 October Gijon, Spain
18. Introducing the standard anti-mastitis measures for reducing the incidence of clinical and subclinical mastitis in dairy cows – field trial (2011) - **Atanasov B.**, Dovenski T., Mickov Lj. Nikolovski M., Blagoevska K. Adamov N., Ilieska K. Angelovski Lj., Clinica Veterinaria Subotica 16-18. June, p 181-182
- 
19. Implementation of strategies for mastitis control in dairy herds in Macedonia: a case report (2012)- **Atanasov Branko**, Mickov Ljupco, Angelovski Ljupco,

- Nikolovski Martin, Ratkova Marija, Jankuloski Dean, Petrovski Kiro, Dovenski Toni, , Mac Vet Rev; 35(2): 87-90
20. Ultrasound observation of ovarian dynamic in dairy cows with true postpartum anoestrus after treatment with different doses of eCG (2012) - **Atanasov B.**, Mickov Lj., Esmerov I., Trojicanec P., Ilievska K., Adamov N., Dovenski T. Denovi na Veterinarna Medicina, Ohrid Proceedings p. 282-284
21. Cryopreservation of Ovchepolean Pramenka ram semen with different diluents and antioxidants (2012) - Nikolovski M., Petkov V., Trojicanec P., Milovanovic A., Barna A., **Atanasov B.**, Dovenski T., , Scientific Meeting "Sustainable production of traditional cheeses from local sheep milk, in the Balkans" Proceedings 13-14, Thessaloniki, Greece.,
22. Distribution of the spermatozoa subpopulations in cryopreserved boar semen (2012) - Mickov Lj., Dovenski T., Petkov V., **Atanasov B.**, Adamov N., Nikolovski M., Blagoevska K., Tomeska - Mickova S., Denovi na Veterinarna Medicina, Ohrid Proceedings p. 265-271
23. Laparoscopic Intrauterine Artificial Insemination by Deep-Frozen/Thawed Ram Semen from Ovchepolean Pramenka Breed, Scientific Meeting "Sustainable production of traditional cheeses from local sheep milk, in the Balkans (2012) - Dovenski T., Trojicanec P., Petkov V., Popovska-Percinic F., Dovenska M., **Atanasov B.**, Ilievska K., Mickov Lj., Nikolovski M., Ovine" Proceedings 12-13, Thessaloniki, Greece
24. Management of functional ovarian disorders in high yielding dairy cows (2012), Dovenski T., Trojicanec P., V. Petkov, **B. Atanasov**, Kocoski Lj, Jasari B., I. Paunkov, 1. Balkan Conference on the Biology of Reproduction in Farm Animals and Aquaculture Proceedings 124-126, ISBN: 978-88-907328-0-5
25. Microsatellite genome characterization of the gray wolf in Republic of Macedonia (2012) – Esmerov I., **Atanasov B**, Adamov N., Blagoevska K, Stojkovski V., Denovi na Veterinarna Medicina, Ohrid Proceedings p. 229-233
26. Morphology parameters of cryopreserved boar spermatozoa, (2012) - Mickov Lj, Dovenski T., **Atanasov B**, Petkov V, Nikolovski M, Tomeska-Mickova S, Blagoevska K., 1. Balkan Conference on the Biology of Reproduction in Farm Animals and Aquaculture, Proceedings, 75-76, ISBN: 978-88-907328-0-5
27. Variations in semen quality parameters of Ovchepolian pramenka rams according to the method of collection and the meteorological season (2012) - Nikolovski Martin, **Atanasov Branko**, Dovenska Monika, Petkov Vladimir, Dovenski Toni, , Mac Vet Rev; 35(2): 79-86
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28. Constructing of two shrna plasmid specific transcripts of the BCL-2 Genes (2013) - Esmerov Igor, Panov Sasho, Stojkovski Velimir, **Atanasov Branko**, Adamov Nikola, Mickov Ljupcho, Blagoevska Katerina, 4-rd International Scientific Meeting, Days of veterinary medicine, p. 30.
29. Effect Of Reduced Glutathione On Kinematic Parameters Of Ram Spermatozoa (2013) - Nikolovski Martin, Mickov Ljupco, Dovenska Monika, Petkov Vladimir, **Atanasov Branko**, Dovenski Toni, Days of Veterinary Medicine, Proceedings, 56.
30. Hormonal methods for estrous cycle manipulation in dairy cows, (2013) - Dragan Gvozdić, Toni Dovenski, Ivan Stančić, Blagoje Stančić, Aleksandar Božić, Ivan Jovanović, **Branko Atanasov**, Adam Šuluburić, Contemporary Agriculture, 62 (3-4) 319-332
31. Kinetic Parameters Of Cryopreserved Yorkshire Boar Semen (2013)- Mickov Ljupcho, **Atanasov Branko**, Blagoevska Katerina, Esmerov Igor, Nikolovski Martin, Dejanoski Toni, Dovenski Toni, Days of Veterinary Medicine, Proceedings, 53

32. Manipulation of bovine estrus cycle using different synchronization methods (2013) - Dovenski Toni, Trojačanec Plamen, Petkov Vladimir, **Atanasov Branko** Proceedings, Scientific symposium „Reproduction of domestic animals“ p. 113-123, UDC: 599.735.5:612.621.5./38
33. Ovarian respond and conception rate from first AI in high yielding dairy cows diagnosed with static ovaries and treated by progestagens and GnRH, (2013)- **Atanasov B.**, Mickov Lj., Esmerov I., Ilievska K., Nikolovski M., Dovenski T., Middle European Buiatric's Congress Belgrade Serbia, Proceedings 187-191.
34. Possibilities of IR thermography for early diagnosis of lameness in dairy cattle, (2013) - Ilievska Ksenija, **Atanasov Branko**, Petkov Vladimir, Dovenski Toni, Trojacanec Plamen Days of Veterinary Medicine, Proceedings, 66-67.
35. Prediction of positive pregnancy diagnosis in dairy cows on day 21 after Artificial Insemination – On farm report (2013) - **Atanasov Branko**, Mickov Ljupco, Nikolovski Martin, Ilievska Ksenija, Paunkov Ilija, Burmuzoska Angelina, Dovenski Toni, , Days of Veterinary Medicine, Proceedings, 57
- 
36. Influence of glutathione on kinetic parameters of frozen-thawed spermatozoa from Ovchepolian Pramenka rams, (2014) - Martin Nikolovski, Ljupco Mickov, Monika Dovenska, Vladimir Petkov, **Branko Atanasov**, Toni Dovenski, Mac Vet Rev; 37(2): i-viii doi: [10.14432/j.macvetrev.2014.05.014](https://doi.org/10.14432/j.macvetrev.2014.05.014)
37. Two possible hormonal treatment methods for inducing follicular growth in dairy cows with inactive-static ovaries - **Branko Atanasov**, Ljupco Mickov, Igor Esmerov, Ksenija Ilievska, Martin Nikolovski, Toni Dovenski (2014) - Mac Vet Rev; 37 (2): 171-177, doi: [10.14432/j.macvetrev.2014.09.023](https://doi.org/10.14432/j.macvetrev.2014.09.023)
- 
38. Pathways of the dominant follicle after exposure to sub-luteal circulating progesterone concentrations are different in lactating dairy cows versus non-lactating heifers (2015) - **B. Atanasov**, J. De Koster, L. Bommel, T. Dovenski, G. Opsomer, Animal Reproduction Science 154, 8–15 <http://dx.doi.org/10.1016/j.anireprosci.2015.01.002>
39. Reproductive biotechnological methods – Effective tools for preservation of endangered indigenous farm animal breeds (2015) – Dovenski T, V Petkov, V. Dzabirski, F. Popovska-Percinic, **B. Atanasov**, K. Porcu, S. Trojacanec, K. Ilievska, M. Nikolovski, M. Dovenska, P. Trojacanec, II International Vet Istanbul Group Congress Russia 7-9 April Saint Petersburg
40. Sole Ulcer in dairy cows - New insight of the old problem (2015) – Trojachanec Plamen., Ilievska Ksenija, Petkov Vladimir, Trojachanec Snejezana, **Atanasov Branko**, Dovenski Toni International Vet Istanbul Group Congress Russia 7-9 April Saint Petersburg
41. Ram spermatozoa motile and metabolic activity – potentially predictable pattern of ejaculate fatty acid composition (2015) - Nikolovski M, Dovenska M, Radeski M, Uzunov R, **Atanasov B**, Percinic PF, Hajrulai MZ, Petkov V, Dovenski T., Proceedings of the epiconcept workshop periconception environment 26 - 29 April Dubrovnik, Croatia
42. Ex-situ conservation of indigenous pramenka sheep in Macedonia using assisted reproductive technologies (2015) – T. Dovenski, V. Petkov, F. Popovska-Percinic, **B. Atanasov**, K. Ilieska, M. Nikolovski, M. Dovenska, P. Trojacanec, 19<sup>th</sup> Annual Conference of ESDAR, 16-19 September, Varna Bulgaria
43. Linoleic and linolenic fatty acid content in the blood and/or in the follicular fluid are associated with follicular dynamics after PGF<sub>2α</sub> induced luteolysis (2015) – **B. Atanasov**, M. Hostens, Z.Hajrulai-Musliu, R. Uzunov, I. Esmerov, G.

- Opsomer, T.Dovenski, 19<sup>th</sup> Annual Conference of ESDAR, 16-19 September, Varna Bulgaria
44. Follicular dynamics following induced luteolysis and transvaginal ultrasound-guided aspiration of the largest follicle in dairy cows (2015) - **Branko Atanasov**, Miel Hostens, Irena Celeska, Ksenija Ilieska, Geert Opsomer and Toni Dovenski, Veterinarski arhiv 85 (3), 247-260.
45. Recent progress in ram semen cryoconservation and ovine artificial insemination (2015) - Dovenski Toni, Plamen Trojčanec, Aleksandar Milovanović, **Branko Atanasov**, Martin Nikolovski, Florina Popovska-Perčinić, Monika Dovenska, Tomislav Barna, Petkov Vladimir
46. Ultrasound measurement of digital cushion thickness in dairy cows with sole ulcer Ksenija Ilievska, **Branko Atanasov**, Toni Dovenski, Snjezana Trojacanec, Plamen Trojacanec Mac Vet Rev 2015; 38 (Suppl. 1) p. 28, 6th International Scientific Meeting - Days of Veterinary Medicine
47. Preliminary study from the implementation of timed artificial insemination (TAI) protocols in dairy herds in Macedonia (2015) - **Branko Atanasov**, Ksenija Ilievska, Ljupco Mickov, Plamen Trojacanec, Igor Esmerov, Nikola Adamov, Toni Dovenski Mac Vet Rev; 38 (Suppl. 1) p. 35, 6th International Scientific Meeting - Days of Veterinary Medicine
48. The influence of cryoprotectant concentration on motility of cryopreserved boar spermatozoa (2015) - Ljupco Mickov, **Branko Atanasov**, Vladimir Petkov, Martin Nikolovski, Katerina Blagoevska, Toni Dovenski, Mac Vet Rev, 38 (Suppl. 1) p. 36, 6th International Scientific Meeting - Days of Veterinary Medicine
- 
49. "On-farm" method for early pregnancy diagnosis in dairy cows on day 21 after artificial insemination (AI) (2016) - Smiljanov Bojan and **Atanasov Branko**, 18<sup>th</sup> International Veterinary Medicine students Scientific Research Congress, 26-28 April, Istanbul Turkey, p 55.
50. Comparison of PUFA profiles in the blood and in follicular fluid and its association with follicular dynamics after PGF<sub>2α</sub> induced luteolysis in dairy cows (2016) - **Branko Atanasov**, Miel Hostens, Zehra Hajrulai-Musliu, Risto Uzunov, Nikola Adamov, Filip Davkov, Romel Velev, Geert Opsomer, Toni Dovenski, Mac Vet Rev; 39 (2)
51. Formation of accessory corpus luteum in the synchronization protocol increases blood glucose level during negative energy balance in dairy cows (2016) - **Atanasov B.**, Celeska I., Adamov N., Jashari B., Ilievska K., Ulcar I. Dovenski T., 3<sup>th</sup> International Vet Istanbul Group Congress Sarajevo, 17-19 May, Bosnia and Hercegovina
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