

PERSONAL INFORMATION

**Branko Atanasov**

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 Skype braata4

Sex M | Date of birth: 13.06.1977 | Nationality: Macedonian

Marital status: married (wife Ana), daughters (Dina and Vanja)

WORK EXPERIENCE

2020-present

Associate professor

Ss. Cyril and Methodius, University in Skopje,
Faculty of veterinary medicine – Skopje, R. of Macedonia
Department of reproduction and biomedicine

- Reproduction of domestic animals
- Herd health management (part concerning reproduction and mastitis)
- Ultrasonographic diagnosis of the reproductive disorders in cows

2015-2020

Assistant professor

Ss. Cyril and Methodius, University in Skopje,
Faculty of veterinary medicine – Skopje, R. of Macedonia
Department of reproduction and biomedicine

- Reproduction of domestic animals
- Herd health management (part concerning reproduction and mastitis)
- Ultrasonographic diagnosis of the reproductive disorders in cows

2011-2015

Teaching assistant

Ss. Cyril and Methodius, University in Skopje,
Faculty of veterinary medicine – Skopje, R. of Macedonia
Department of reproduction and biomedicine

- Clinical practice of farm animals(ruminants) - reproduction and biotechnology

2009-2011

Researcher

Ss. Cyril and Methodius, University in Skopje,
Faculty of veterinary medicine – Skopje, R. of Macedonia
Department of reproduction and biomedicine

2007-2009

Business or sector Commerce and dairy

General manager

INBERG M – official dealer for IBEKA-PANTO for Macedonia
food additives for farm animals (HL HAMBURGER LEISTUNGSFUTTER- Germany)

2003-2007

Main veterinary doctor

Dairy farm AIK "EUROLEND" –s. Rzanicino – Skopje, R. of Macedonia
700 dairy cows

EDUCATION AND TRAINING

2018

Post-doctoral research study**Fulbright scholar program**

Department of animal science and industry, Kansas State University (KSU)
Manhattan, Kansas, USA

Targeting a timed AI protocol by manipulation of the progesterone (P4)
concentration to improve fertility in dairy cows.

2011 -2015 **Doctor of veterinary science (PhD)**
 Ss. Cyril and Methodius, University in Skopje,
 Faculty of veterinary medicine – Skopje, R. of Macedonia
Title of the thesis: Monitoring the follicular dynamics regarding fatty acids composition in modified synchronization protocol in dairy cows

2006 -2011 **Master of veterinary science (Msci)**
 Ss. Cyril and Methodius, University in Skopje,
 Faculty of veterinary medicine – Skopje, R. of Macedonia
Title of the thesis: Ovarian response to the exogenous application of GnRH and eCG in dairy cows diagnosed with static ovaries 60 days postpartum

1995 -2003 **Doctor of veterinary medicine**
 Faculty of veterinary medicine – Skopje, R. of Macedonia

PERSONAL SKILLS

Mother tongue(s) Macedonian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Replace with name of language certificate. Enter level if known.				
Serbian	C1	C1	C1	C1	C1
	Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ good communication skills gained through my experience as assistant professor, teaching assistant as well as general manager

Organisational / managerial skills Efficient organiser, coordinator and team oriented, proactive with ability to adapt and cope with pressure
 ▪ leadership (previously (as general manager and veterinary doctor) responsible for a team of 7 people, in total)

Computer skills and competences ▪ Full computer literacy - Word, Excel, PowerPoint, Internet, Outlook

Social skills and competences ▪ Highly motivated, positive attitude, analytic and good problem solver, professional with strong skills for building relationships; good communicator with fluent English;

Driving licence B category

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
References
Citations
Courses
Certifications

Publications

- See annexes

Conferences

- First Conference of the Balkan Network for the Animal Reproduction Biotechnology, Sofia, Bulgaria, 2009
- 2th International congress Days of veterinary medicine, Ohrid, R. Macedonia, 2010
- 19th International congress of Mediterranean federation of health and production of ruminants, Belgrade, Serbia, 2011
- 15th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR) Antalya, Turkey 2011
- Participant: Summer school „Reproduction in ruminants“, Split, Croatia, 2012
- XIII Middle European Buiatric's Congress Belgrade, Republic of Serbia
- 19th Annual Conference of the European Society for Domestic Animal Reproduction (ESDAR) Varna, Bulgaria, 2015
- 3th International Vet-Istanbul group congress Sarajevo, Bosnia and Herzegovina, 2016
- 18th International Congress on Animal Reproduction, Tours, France, 2016
- 7th International congress Days of veterinary medicine, Struga, R. Macedonia 2016

Seminars

Experts seminar: Plenary lecture “Interventions in the field of surgery and reproduction in ruminants”, organized by the Veterinary Chamber of Macedonia, 2012

Title: Detection and prevention of the reproductive disorders in dairy cows

Summer school, Reproduction of domestic animals, Trojan, Bulgaria, 2016

Title: Implementation of oestrus synchronization protocols in dairy cows

Invited speaker International scientific conference - Tradition and Modernity in Veterinary medicine, Bulgaria, 2018

Title : Estrus synchronization programs in dairy herds: factors affecting the reproductive efficiency

Invited speaker International scientific conference - Scientific symposium „Reproduction of domestic animals”, Divcibare, Serbia, 2018

Title : A better insight into the oestrus synchronization programs implemented to increase the reproductive efficiency in dairy herds

Title : Estrus synchronization programs in dairy herds: factors affecting the reproductive efficiency

Invited speaker International scientific conference - Scientific symposium „Reproduction of domestic animals”, Divcibare, Serbia, 2018

Title : A better insight into the oestrus synchronization programs implemented to increase the reproductive efficiency in dairy herds

Projects

2008 -2009 participant - 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) http://www.aso.zsi.at/project_4_01_2008.html- 2009

2010-2011 participant -Transfer of knowledge for improving the quality of raw cow's milk, Ministry of Agriculture, Forestry and Water Economy, R. Macedonia

2012-2013 participant - Sustainable production of traditional cheeses from local sheep milk, in the balkans: Improved reproductive management of indigenous-sheep-breeds populations, 2. ensuring of traditional cheeses hygiene and quality (SEE-ERA.NET Plus Joint Project SEE ERA PLUS-083)

2013-2014 PhD student exchange - Erasmus Mundus Partnerships Action 2- Scholarships for academic exchange between EU and Western Balkans, University of Ghent, Faculty of veterinary medicine – Gent, Belgium

2018 Post-doctoral study Fulbright scholar program Department of animal science and industry, Kansas State University (KSU) Manhattan, Kansas, USA

2018 engage as an expert for dairy cattle reproductive program in 'Improving Productivity and Market Success of Macedonian Farmers' funded by USAID within the Business Ecosystem Project.

2020 – Establishment of a reproductive and training Center for improving the domestic beef cattle production, participant – granted by Food and Agriculture Organization of United Nations - FAO

Memberships

- Fulbright board member for future post-doctoral students
- Member of organizing committee of the conference with international participation, DAYS OF VETERINARY MEDICINE

- Member of European society for domestic animal reproduction (ESDAR)
- Member of Macedonian Buiatrics association,
- Member of Macedonian veterinary chamber
- Reviewer of scientific journal - Macedonian Veterinary Review
- Reviewer of scientific journal - Journal of the "Hellenic Veterinary Medical Society

Recommendations

Prof Dr Toni Dovenski

Ss. Cyril and Methodius, University in Skopje,
 Faculty of veterinary medicine – Skopje, R. of Macedonia
 Head of the department of reproduction and biomedicine
Email: dovenski@fvm.ukim.edu.mk

Prof Dr Geert Opsomer

Gent University, Belgium
 Faculty of veterinary medicine – Gent, Belgium
 Department of obstetrics, reproduction and herd health management
Email: geert.opsomer@ugent.be

ANNEXESS - PUBLICATIONS

1. -----2006-----
 Effect of Norgestomet on successful resumption of ovarian activity in postpartum non-cyclic dairy cows (2006) - T. Dovenski, P.Trojacanec, Lj. Kocoski, K. Popovski, V. Petkov and **B. Atanasov**, Reproduction in Domestic Animals, Vol. 41, No 4, August
2. -----2007-----
 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. -----2009-----
 Monitoring of early embryonic mortality in dairy cows using ultrasound and progesterone profile (2009) - Dovenski T., Trojacanec P., Petkov V., **Atanasov B.**, Grizelj J. 2nd 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.Trojacanec, 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. -----2010-----
 BONVITAL ® (Enterococcus faecium DSM 7134) Effects upon broiler performance (2010) ¹Katerina Blagoevska, ²Aleksandar Dodovski, ¹**Branko Atanasov**, ³Radmila Crceva-Nikolovska, ³Ljupco Angelovski, ³Todor Novakov, Denovi na Veterinarna Medicina, Ohrid, Proceedings p 38-39
7. 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. ----- 2011-----
 Acute phase response in dairy cattle with claw disorders (2011) - Ilievska K., Dovenski T., **Atanasov B.**, Celeska I. and Trojacanec P. 9th 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. 9th International Congress of Fe.Me. S.P.Rum 25-28 May, Belgrade Serbia p 455-460
 12. Primena novijih biotehnickih metoda za poboljsnje reproduktivne efikasnost ovaca (2011)- Dovenski Toni, Petkov Vladimir, Trojancanec Plamen, Mickov Ljupco, **Atanasov Branko**, Nikolovski Martin, Kocovski Ljupce Reprodukcijska domacih zivotinja 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., Trojancanec 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, Blagojevska Katerina, **Atanasov Branko**, Denovi na Veterinarna Medicina, Ohrid Proceedings p.122
 15. Qualitative motility parameters of boar spermatozoa (2011) - Mickov Ljupco, Dovenski Toni, Blagojevska 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.Trojancanec, Z. Hajrulai Musliu, **B. Atanasov**, R. Uzunov, B. Jasari, M. Dovenska , Grizelj J. Proceeding of 4th 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 Atanasov B., Dovenski T., Mickov Lj. Nikolovski M., Blagojevska K. Adamov N., Ileska K. Angelovski Lj. (2011) - Clinica Veterinaria, Subotica 16-18. June, p 181-182
- 2012 -----
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., Trojancanec 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., Trojancanec 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., Blagojevska 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., Trojancanec 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., Trojancanec P., V. Petkov, **B. Atanasov**, Kocovski 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., Blagojevska 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, Blagojevska 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
- 2013 -----
28. Constructing of two shma plasmid specific transcripts of the BCL-2 Genes (2013) - Esmerov Igor, Panov Sasho, Stojkovski Velimir, **Atanasov Branko**, Adamov Nikola, Mickov Ljupcho, Blagojevska 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**, Blagojevska Katerina, Esmerov Igor, Nikolovski Martin, Dejanoski Toni, Dovenski Toni, Days of Veterinary Medicine, Proceedings, 53
 32. Manipulation of bovine estrous cycle using different synchronization methods (2013) - Dovenski Toni, Trojancanec 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., Ilievka 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) - Ilievka 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, Ilievka Ksenija, Paunkov Ilija, Burmuzoska Angelina, Dovenski Toni, Days of Veterinary Medicine, Proceedings, 57
----- 2014 -----
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 Ilievka, 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)
----- 2015 -----
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. Ilievka, 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., Ilievka 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, 19th 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_{2α} induced luteolysis (2015) – **B. Atanasov**, M. Hostens, Z. Hajrulai-Musliu, R. Uzunov, I. Esmerov, G. Opsomer, T. Dovenski, 19th 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 Bama, Petkov Vladimir
46. Ultrasound measurement of digital cushion thickness in dairy cows with sole ulcer Ksenija Ilievka, **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 Ilievka, 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
----- 2016 -----
49. “On-farm” method for early pregnancy diagnosis in dairy cows on day 21 after artificial insemination (AI) (2016) - Smiljanov Bojan and **Atanasov Branko**, 18th 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_{2α} 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., Ilievka K., Ulcar I. Dovenski T., International Vet Istanbul Group Congress Sarajevo, 17-19 May Bosnia and Hercegovina
52. Possibilities of ultrasound guided ovum pick-up (OPU) for substitution of hormonal superovulation in bovine embryo production (2016) - Dovenski T, Petkov V., Popovska-Percinic F., **Atanasov B**, Ilievka K., Nikolovski M., Dovenska M., Trojacanec P., Kocovski Lj. 3th International Vet Istanbul Group Congress Sarajevo, 17-19 May, Bosnia and Hercegovina
53. Monitoring the ovulatory response to the first GnRH injection and luteolysis rate in cows submitted to modified Ovsynch protocol (2016) - Dovenski Toni, Irena Celeska, Svonko Trbogazov, **Atanasov Branko**, p.495, 18th International congress on Animal reproduction, 26-30 June, Tours France
54. Prevalence of subclinical endometritis at first service postpartum and its effect

- on the conception rate in dairy cows: preliminary results of a field study (2016) - Bogado Pascottini Osvaldo, Hostens Miel, Dini Pouya, **Atanasov Branko**, Vercauteren Peter, Opsomer Geert, p. 360, 18th International congress on Animal reproduction, 26-30 June, Tours France
55. Implementation of "on- farm" method for early detection of non- pregnant cows by a single ultrasonographic examination of the ovaries on day 21 after artificial insemination (2016) - T Dovenski; B Atanasov; K Ilievska; B Stojanov; B Jasari *Repro. Dom. Anim. Vol. 51 • Supplement 2 • October 2016*, p 89 Lisbon, Portugal.
56. Conception rate from first AI in cows submitted to three different synchronization protocols: a single PGF_{2α} injection, Ovsynch and modified Ovsynch (2016) - **Branko Atanasov**, Zvonko Trbogazov, Ksenija Ilievska, Martin Nikolovski, Vladimir Petkov, Monika Dovenska, Nikola Adamov, Boris Stojanov, Toni Dovenski, *Proceedings*, p. 31 Days of veterinary medicine, Struga R. Macedonia
57. Sero-prevalence of *Toxoplasma gondii* infection in farmed sows in the Republic of Macedonia (2016) – Branko Angelovski, Aleksandar Cvetovikj, Miroslav Radevski, Kiril Krstevski, Iskra Cvetkovikj, **Branko Atanasov**, Toni Dovenski, Jovana Stefanovska, *Proceedings*, p. 153, Days of veterinary medicine, Struga R. Macedonia
58. Retentio Secundinarum in dairy cows (2016) - Dovenski Toni, Plamen Trojačanec, **Branko Atanasov**, Martin Nikolovski, Monika Dovenska, Petkov Vladimir, *Scientific symposium „Reproduction of domestic animals”* p. 21-30, Divcibare
59. Possibilities of Ultrasound Guided OVUM PICK-UP (OPU) for substitution of hormonal superovulation in bovine embryo production (2016) - Dovenski T., Petkov V., Popovska-Percinic F., **Atanasov B.**, Ilievska K., Nikolovski M., Dovenska M., Trojacanec P., Kocoski Lj., 3. International congress VetIstanbul Group, p. 66, Sarajevo BiH
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- 2017**
60. Metabolic profiles and hormonal status are not different between primiparous and multiparous dairy cows diagnosed with inactive ovaries (true anestrus) - (2017) - Dovenski T, Jasari B, Petkov V, Pendovski L, Popovska Percinic F, Celeska I, Radeski M, Nikolovski M, Adamov N, Dovenska M, **Atanasov B.**; *Reprod Dom Anim.*;52 (Suppl. 3):3 p.83.
61. Abortions in small ruminants (2017) - Dovenski Toni, Juraj Grizelj, Ksenija Ilievska, **Branko Atanasov**, Silvijo Vince, Martin Nikolovski, Monika Dovenska, Nektarios D. Giadinis, *Scientific symposium „Reproduction of domestic animals”* p. 39-48, Divcibare.
62. Applicability of Assisted Reproduction Techniques in contemporary small ruminant farming (2017) - Dovenski T., Petkov V., Popovska-Percinic F., **Atanasov B.**, Ilievska K., Nikolovski M., Dovenska M., Trojacanec P., Vince S., Grizelj J., *Tradition and modernity in veterinary medicine, Yondola Bulgaria*, vol. 2, No 2(3): 3–8
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