

PERSONAL INFORMATION

Ljupcho Mickov

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Sex M | Date of birth: 19.02.1970 | Nationality: Macedonian

Marital status:

WORK EXPERIENCE

- | | |
|--------------|---|
| 2023-present | Senior Research Associate
Ss. Cyril and Methodius, University in Skopje,
Faculty of veterinary medicine – Skopje, R. of Macedonia
Department of reproduction and biomedicine
- Andrology and Artificial Insemination |
| 2018-2023 | Research Associate
Ss. Cyril and Methodius, University in Skopje,
Faculty of veterinary medicine – Skopje, R. of Macedonia
Department of reproduction and biomedicine
- Andrology and Artificial Insemination |
| 2006-2018 | Teaching assistant
Ss. Cyril and Methodius, University in Skopje,
Faculty of veterinary medicine – Skopje,
Department of reproduction and biomedicine
Laboratory for Production and Cryoreservation of Semen and Embryos |
| 2004-2006 | Junior Teaching Assistant
Ss. Cyril and Methodius, University in Skopje,
Faculty of Veterinary Medicine – Skopje
Department of Reproduction
Laboratory for Production and Cryoreservation of Semen and Embryos |
| 1997-2004 | Research Assistant
Ss. Cyril and Methodius, University in Skopje,
Veterinary Institute – Skopje
Department of Reproduction
Laboratory for Production and Cryoreservation of Semen and Embryos |

EDUCATION AND TRAINING

- | | |
|-----------|---|
| 2012 | Doctor of veterinary science (PhD)
Ss. Cyril and Methodius, University in Skopje,
Faculty of veterinary medicine – Skopje, R. of Macedonia
Title of the thesis: Introduction of Cryopreserved semen in porcine reproduction |
| 2002-2006 | Master of veterinary science (Msci)
Ss. Cyril and Methodius, University in Skopje, R. of Macedonia
Faculty of veterinary medicine – Skopje
Title of the thesis: Utilisation of CASA kinetic parameters for predicting of cryopreservation survival of bull's spermatozoa |
| 1991-1996 | Doctor of veterinary medicine
Ss. Cyril and Methodius, University in Skopje, R. of Macedonia
Veterinary Faculty – Skopje |

1988-1991 University of Belgrade, Serbia
Faculty of Veterinary Medicine

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

Computer skills and competences ▪ Full computer literacy

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. Use of ultrasound imaging of the ovaries for early pregnancy diagnosis in dairy cows, (2009) - T. Dovenski, P. Trojancanec, 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
2. 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
3. Possibilities for early pregnancy diagnosis in dairy cows on day 21 after artificial insemination (2010) - **Atanasov B**, Mickov Lj., Adamov N., Petkov V., Trojancanec P., Ilievska K, Nikolovski M., Dovenski T., BG Journal of Animal Science vol. XLVI supplement 1 p.187-190 Sofia ,Bulgaria
4. 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
5. 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
6. Qualitative motility parameters of boar spermatozoa (2011) - Mickov Ljupco, Dovenski Toni, Blagoevska Katerina, **Atanasov Branko**, Denovi na Veterinarna Medicina, Ohrid Proceedings p.66
7. 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
8. 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., Blagoevska K. Adamov N., Ilieska K. Angelovski Lj. (2011) - Clinica Veterinaria, Subotica 16-18. June, p 181-18
9. 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
10. 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
11. 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
12. 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-Perčinic F., Dovenska M., **Atanasov B.**, Ilievska K., Mickov Lj., Nikolovski M., Ovine" Proceedings 12-13, Thessaloniki, Greece
 13. 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
 14. 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.
 15. 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.
 16. Kinetic Parameters Of Cryopreserved Yorkshire Boar Semen (2013)- Mickov Ljupcho, **Atanasov Branko**, Blagoevska Katerina, Esmerov Igor, Nikolovski Martin, Dejanovski Toni, Dovenski Toni, Days of Veterinary Medicine, Proceedings, 53
 17. 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.
 18. 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
 19. 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)
 20. 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)
 21. Preliminary study from the implementation of timed artificial insemination (TAI) protocols in dairy herds in Macedonia (2015) - **Branko Atanasov**, Ksenija Ilievska, Ljupco Mickov, Plamen Trojancanec, Igor Esmerov, Nikola Adamov, Toni Dovenski Mac Vet Rev; 38 (Suppl. 1) p. 35, 6th International Scientific Meeting - Days of Veterinary Medicine
 22. 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
 23. Estrus synchronization programs in dairy herds: factors affecting the reproductive efficiency (2018) – B. Atanasov, V. Petkov, P. Trojancanec, Lj. Mickov, B. Stojanov, B. Jashari, J. Mrkun, T. Dovenski, international scientific conference – Tradition and Modernity in Veterinary medicine, Yondola, Bulgaria, p.16
 24. Modification of the standard 7-day Ovsynch protocol to increase the luteolytic and synchronization risks in dairy cows 2020- Atanasov B., Adamov N., Celeska I., Ilievska K., Angjelovski B., Trbogazov Z., Davkov F., Dovenski T., Opsomer G., Stevenson J. Mac Vet Rev; 43 (2): i-vii. <https://doi.org/10.2478/macvetrev-2020-0028>
 25. Physiologic responses to feeding rumen-protected glucose to lactating dairy cows 2020 - J.A. Sauls-Hiesterman , S. Banuelos , B. Atanasov , B.J. Bradford , J.S. Stevenson, Animal Reproduction Science, Volume 216, <https://doi.org/10.1016/j.anireprosci.2020.106346>
- 2021**
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26. Atanasov B, Dovenski T, Celeska I, Stevenson JS (2021) - Luteolysis, progesterone, and pregnancy per insemination after modifying the standard 7-day Ovsynch program in Holstein-Friesian and Holstein cows. J Dairy Sci. June; 104(6):7272-7282. doi: 10.3168/jds.2020-19922. Epub 2021 Mar 25. PMID: 33773782
 27. Atanasov Branko, Adamov Nikola, Celeska Irena, Ilievska Ksenija, Mickov Ljupcho, Dovenski Toni, (2021) - Comparison of two ovulation synchronization protocols to evaluate luteolysis, progesterone concentration and fertility rate in dairy cows XI Scientific symposium „Reproduction of domestic animals and mammary gland diseases, Proceedings, 91-99, Divcibare
 28. Dovenski Toni, Nikolovski Martin, Atanasov Branko, Popovska Perčinic Florina, Dovenska Monika, Nikola Adamov, Mickov Ljupčo, Petkov Vladimir (2021) - Ram sperm quality and fertility in intensive breeding systems, XI Scientific symposium „reproduction of domestic animals and mammary gland diseases, Proceedings, 67-71 Divcibare
- 2022**
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29. M. Nikolovski; D. Bozhinovski; L. Mickov; M. Dovenska; N. Adamov; B. Atanasov; V. Petkov; T. Dovenski, Post-thaw extending of ram spermatozoa with soybean-lecithin extender triggers higher viability and non-progressive motility Reproduction in Domestic Animals, Volume 57 · Supplement 1 · January 2022 · p. 113
 30. Dovenski T., Atanasov B.; Stojanov B.; Grizelj J.; Mickov Lj.; Nikolovski M.; Esmerov I. Samardzija M., (2022) -Treatment with exogenous progesterone (P4) during the Ovsynch protocol increases the luteal regression in heat-stressed dairy cows, Reproduction in Domestic Animals, Vol. 57, Supplement 4, p. 75-76; September 2022
 31. Dovenska M.; Mickov L.; Nikolovski M.; Atanasov B.; Petkov V.; Pendovski L.; Dovenski T.; Popovska-Perčinik F. (2022) - Assessment of Brilliant Cresyl Blue (BCB) staining as a quality indicator for developmental ability of porcine oocytes, Reproduction in Domestic Animals, Vol. 57, Supplement 4, p. 95-96;
 32. Dovenski Toni, Nikolovski Martin, Atanasov Branko, Popovska Perčinic Florina, Petkov Vladimir , Dovenska Monika, Mickov Ljupčo, Kočoski Ljupce, Vince Silvijo, Juraj Grizelj, (2022) - Recent advances in sheep and goat reproduction, 13. Scientific symposium „Reproduction of domestic animals" p. 117-128, Divcibare 2022

33. Esmerov I., Atanasov B., Angelevska A., Chrcheva R., Mickov Lj., Angelovski Lj., Josifovska S., Markov N., Adamov N (2022) -Suppression effects of excessively expressed gene bcl-2 in cell lines of prostate cancer. Mac Vet Rev; 45 (2): i- xiii. <https://doi.org/10.2478/macvetrev-2022-0028>
34. Markov N., Stoycheva S., Bancheva Ts., Mickov Lj., Atanasov B., Esmerov I., Adamov N. Growth dynamics on the skin and the coat in Normandian and Simmental cattle during adaptation to the farming technology in Southwestern part of Bulgaria. Mac Vet Rev 2023; 46 (1): 99-103. <https://doi.org/10.2478/macvetrev-2022-0029>
35. Atanasov Branko Murdeva Emilija, Nikolovski Martin, Mickov Ljupčo, Ilievska Ksenija, Esmerov Igor Dovenski Toni (2023) – Implementation of the Short synch protocol to increase the conception rate in small-scale cow dairy farms, 14 Scientific symposium „Reproduction of domestic animals, Proceedings, 53-61 Divcibare