

Curriculum Vitae et Studiorum**1. Personal Details**

Name: Sreten Andonov
 Address: Briselska, 4, 1000 Skopje, Macedonia
 Title: professor (PhD)
 E-mail: sandonov@fzh.ukim.edu.mk;
sreten_andonov@yahoo.com
 Address (work): Faculty of Agri. Sci. & Food,
 P.O. Box 297,
 1000 Skopje, Macedonia
 Nationality: Macedonian
 Date of birth: 16. Feb. 1964
 Website: <http://www.fzh.ukim.edu.mk/>

**2. Employment History**

1. Since 1989: University Ss Cyril and Methodius, Faculty of Agricultural Sciences and Food, Skopje.

3. Education

1. 23.Jun.1997: Ph.D. in Agronomy, University Ss Cyril and Methodius. Thesis: "Selection of dairy goats by using lactation curve model", under the supervision of prof. Risto Ilkovski, PhD (University Ss Cyril and Methodius); supervisor assistant: Dr. Georgi Dimov (Agriculture Institute, Sofia, Bulgaria).
2. 18.May.1994: M.Sc. in Agronomy, University of Ljubljana, Slovenia. Thesis: "Estimation of genetic parameters for milk production in dairy goats using the first records of lactation", under the supervision of Assist. Prof. Milena Kovac, PhD; supervisor assistant: Drago Kompan, M.Sc.
3. 21.Jan.1988: B.Sc in Agronomy, University Ss Cyril and Methodius.

3.1. Courses:

- 2016. Programming and computer algorithms in animal breeding with focus on single-step GBLUP and reality of genomic selection. University of Georgia (USA).
- 2011. Introduction to machine learning and nonparametric methods for genome-enabled analysis of complex traits. Statistical methods in genome enabled selection. Faculty of Agricultural Sciences, Aarhus University. (Denmark)
- 1995. Animal breeding strategies. University of Guelph (Canada).
- 1991. Goat Production. IAMZ (Spain).
- 1989. Advance in Animal Breeding and Genetic. IAMZ (Spain).

4. Experiences

- Teaching experience: since 2007: Full professor (University Ss Cyril and Methodius) BSc courses: Livestock production, Population genetic in livestock; MSc courses: Statistics, Genetic and selection in livestock; PhD courses: Estimation of genetic parameters in livestock.
- Referee: Journal of Apicultural Research, Genetic, Selection and Evolution, Polish Journal of Environmental studies.
- Peer Reviewer: *Scientific Researches* Fund of Bulgaria, Ministry of Education and Science Macedonia.
- Scientific committee member:

2015. 7th Balkan Conference of Animal Science, Sarajevo, Bosnia and Herzegovina.
2012. IV Congress of ecologists in Macedonia with international participation, Ohrid, Macedonia.
2012. The First International Symposium on Animal Science, Beograd, Serbia.
2007. III Congress of ecologists in Macedonia with international participation, Struga, Macedonia.
2003. II symposium of livestock production with international participation, Ohrid, Macedonia.
2001. I Symposium of livestock production with international participation, Struga, Macedonia.
- Committees/boards/senate:
 - 1 PhD supervisor
 - 5 MSc committees
 - 7 PhD committees.
 - 2008 – present: National representative in Standing Committee for Agricultural Research in EC, Brussels.
 - 2009-2012: Steering committee member of CeProSard.
 - 2008-2012: Agro-ecology coordinator in Macedonian Ecological Society.
 - 2008-2012: University senate member.
 - 2007-2010: Steering committee member of Dutch chamber of commerce in Macedonia.
 - 2003 – 2009: Steering committee member of GTZ Agro Promotion in Macedonia.
 - 2005-2006: National coordinator of biotechnology in the Research Fund – Macedonian Ministry of Education and Science.
 - 2002-2008: National coordinator for Animal Genetic Resources FAO.
 - 1998-2002: Coordinator of Adaptive On-Farm Research fund in Macedonia, World Bank.

5. Computer skills

1. Operative Systems: Linux/Windows
Specific software for genetic parameters estimation: PEST, VCE, DMU, group of programs .f90 UGA (ssGBLUP), ASREML.
3. Excellent knowledge of MS office
4. Good knowledge of SPSS.
5. Knowledge of R, SAS.

6. Languages

1. Macedonian (mother tongue)
2. English (fluent)
3. Spanish, German (basic)

7. Seminars/lectures/presentations

1. 2017: Choices in genomic evaluation for small populations. Interbull Technical Workshop, Ljubljana, Slovenia 6-8 Feb. 2017
2. 2016: Data validation for statistical analysis. Seminar in FP7: Smartbee project. Malta.
3. 2016: Livestock: Population genetic; Genetic and selection; Linear models; BLUP application; Genomic selection. Visiting professor in Agricultural University Novosibirsk, Russia.
4. 2016: A method to calculate connectedness across population, Uni. of Georgia, Athens, GA, USA
5. 2016: Different sources of information and accuracies across linked populations, Uni. of Georgia, Athens, GA, USA.

6. 2016: Sheep industry in Macedonia, challenges and perspective. Dine Collage, Tsaila, AZ, USA
7. 2015: Genetic in Honey bees, Uni. of Georgia, Athens, GA, USA.
8. 2015: VSH sampling size. Honey Bee institute, Kirchhain, Germany.
9. 2014: Some aspects of bee breeding program, Thessaloniki, Greece.
10. 2014: A method to calculate correlation of true and predicted breeding values under practical circumstances. Uni. of Live Sci. Aas, Norway.
11. 2013: CACO method for accuracy estimation in Breeding programs, INRA, Jouy en Josas, France.
12. 2010: The impact of climate change on the livestock sector. World Bank climate change project. (Macedonia).
13. 2010: Animal Genetic Resources in Macedonia. Univ. in Dusche, Dusche, Turkey.
14. 2008-2009: Course of Statistic in food safety. TEMPUS program, Macedonia.
15. 2008: Sheep Breeds in Macedonia. ERFPAO regional meeting Sarajevo (Bosnia and Herzegovina).
16. 2006: Common methodology for indicator development on AnGR. FAO, Rome (Italy).
17. 2005: Course of Statistic in food safety international studies. TEMPUS program (Macedonia).
18. 2004: The state of local breeds in Macedonia, Regional workshop SAFE, Dimitrovgrad (Serbia).

8. Projects (scientific/research)

1. 2016-2018. Project leader. Honey bee colony losses in Austria and Macedonia: risk analysis and economic impact. Austria/Macedonia; Bilateral project; Ministry of Education and Sciences (Macedonia).
2. 2015-2016. Fulbright research scholar (9 months). Genomic selection in animal breeding. Uni. of Georgia (USA).
3. 2013. Project leader. Development and validation of models for genetic evaluation in animal breeding. Slovenia/Macedonia; Bilateral project; Ministry of Education and Sciences (Macedonia).
4. 2011-2014: Research team member. Comparison of lamb carcass and meat quality of breeds in Western Balkan and Norway achieving improved palatability, sale and sustainability. HERD Project (Norway). Uni. of Live Sci. Aas, Norway.
5. 2009-2013: Team member. COST action COLOSS (EU).
6. 2006-2008: Project coordinator/Animal Breeding Specialist. Development of a common methodology to evaluate and monitor the population-genetic status of farm animal breeds in Europe and derive a common interpretation of the status of endangerment of breeds. FAO – ERFPAO (Italy).
7. 2006-2007: Team member. Development of models for estimation of genetic parameters for productive and reproductive traits in pigs. Slovenia/Macedonia Bilateral project. Ministry of Education and Sciences (Macedonia).
8. 2005-2007: Team member. European Environmental Agency. SEBI 2010. (Denmark).
9. 2003-2005: Project coordinator. Molecular markers in livestock. Ministry of Education and Sciences (Macedonia).
10. 2005: Research scholar (4 months) International Scholarship - The Research Council of Norway. Random regression modelling in genetic evaluation in dairy goats, Uni. of Live Sci. Aas, Norway.
11. 2004: Research scholar (4 months) International Scholarship - The Research Council of Norway. Test day modelling in genetic evaluation in dairy goats, Uni. of Live Sci. Aas, Norway.
12. 2002-2003: Project coordinator. Genetic markers in livestock section - Ryanodine receptor (PSP-1) gen in pigs. Ministry of Education and Sciences (Macedonia).

9. Referees:

1. prof. Ignacy Misztal, PhD; e-mail: Ignacy@uga.edu. Address: Edgar L. Rhodes Center for Animal and Dairy Science, University of Georgia (UGA), 425 River Road Athens, GA 30602, USA.
2. prof. Gunnar Klemetsdal, PhD; e-mail: gunnar.klemetsdal@nmbu.no. Address: University of Life Sci, Faculty of Bioscience, Universitetstunet 3, 1433 Ås, Norway.
3. prof. Tormod Ådnøy, PhD; e-mail: tormod.adnoy@nmbu.no. Address: University of Life Sci, Faculty of Bioscience, Universitetstunet 3, 1433 Ås, Norway.
4. prof. Milena Kovac, PhD; e-mail: milena.kovac@bf.uni-lj.si. University of Ljubljana, Biotechnical Faculty, Zootechnical Department, Groblje 3, 1230 Domzale, Slovenia.

10. Publication List: (Total: 120)**10.1. Scientific and research papers with Impact factor:**

1. **Andonov S.**, Lourenco D., Fragomeni B., Masuda Y., Pocrnic I., Tsuruta S., Misztal I. 2017. Accuracy of breeding values in small genotyped populations using different sources of external information — A simulation study. *J. Dairy Sci.* 100:1-7. ISI Impact factor (2015) 2,408. <https://doi.org/10.3168/jds.2016-11335>.
2. Fragomeni B., Lourenco D., Tsuruta S., **Andonov S.**, Grey K., Huang Y., Misztal I. 2016. Modeling response to heat stress in pigs from nucleus and commercial farms in different locations in the United States. *J. Animal Sci.* 2016.94. ISI Impact factor (2014) 2,108. doi:10.2527/jas2016-0536.
3. Nakov D., Hristov S., **Andonov S.**, Trajčev M., 2014. Udder-related risk factors for clinical mastitis in dairy cows. *Vet. arhiv* 84, p. 111-127. ISI Impact factor (2012) 0,212.
4. Trajčev M., Nakov D., Hristov S., **Andonov S.**, Joksimović-Todorović Mirjana. 2013. Clinical mastitis in Macedonian dairy herds. *Acta veterinaria*, 63(1):63-76. (DOI:10.2298/AVB1301063T). ISI Impact factor (2011) 0,167.
5. **Andonov S.**, Ødegård J., A., Svendsen M., Ådnøy T., Vegara M., Klemetsdal G. 2013. Comparison of random regression and repeatability models to predict breeding values from test-day records of Norwegian goats. *J. Dairy Sci.* 96:1834–1843 (<http://dx.doi.org/10.3168/jds.2012-5910>). ISI Impact factor (2011) 2,564.
6. Francis R., Kryger P., Meixner M., Bouga M., Ivanova E., **Andonov S.**, Berg S., Bienkowska M., Büchler R., Charistos L., Costa C., Dyrba W., Hatjina F., Panasiuk B., Pechhacker H., Kezic N., Korpela S., Le Conte Y., Uzunov A., Wilde J. 2014. The genetic origin of honey bee colonies used in the COLOSS Genotype-Environment Interactions Experiment: a comparison of methods. *Journal of Apicultural Research* 53(2): 188-204 (DOI 10.3896/IBRA.1.53.2.02). ISI Impact factor (2012) 1,926.
7. Büchler R., Costa C., Hatjina F., **Andonov S.**, Meixner M., Le Conte Y., Uzunov A., Berg S., Bienkowska M., Bouga M., Drazic M., Dyrba W., Kryger P., Panasiuk B., Pechhacker H., Petrov P., Kezic N., Korpela S., Wilde J. 2014. The influence of genetic origin and its interaction with environmental effects on the survival of *Apis mellifera* L. colonies in Europe. *Journal of Apicultural Research* 53(2): 205-214 (DOI 10.3896/IBRA.1.53.2.03). ISI Impact factor (2012) 1,926.
8. Meixner M., Francis R., Gajda A., Kryger P., **Andonov S.**, Uzunov A., Topolska G., Costa C., Amiri E., Berg S., Bienkowska M., Bouga M., Büchler R., Dyrba W., Gurgulova K., Hatjina F., Ivanova E., Janes M., Kezic N., Korpela S., Le Conte Y., Panasiuk B., Pechhacker H., Tsoktouridis G., Vaccaris G., Wilde J. 2014. Occurrence of parasites and pathogens in honey bee colonies used in a European genotype-environment interactions experiment. *Journal of Apicultural Research* 53(2): 215-229 (DOI 10.3896/IBRA.1.53.2.04). ISI Impact factor (2012) 1,926.
9. Hatjina F., Costa C., Büchler R., Uzunov A., Drazic M., Filipi J., Charistos L., Ruottinen L., **Andonov S.**, Meixner M., Bienkowska M., Dariusz G., Panasiuk B., Le Conte Y., Wilde J., Berg S., Bouga M., Dyrba W., Kiprijanovska H., Korpela S., Kryger P., Lodesani M., Pechhacker H., Petrov P., Kezic N. 2014. Population dynamics of European honey bee genotypes under

- different environmental conditions. *Journal of Apicultural Research* 53(2): 233-247 (DOI 10.3896/IBRA.1.53.2.05). ISI Impact factor (2012) 1,926.
10. Uzunov A., Costa C., Panasiuk B., Meixner M., Kryger P., Hatjina F., Bouga M., **Andonov S.**, Bienkowska M., Le Conte Y., Wilde J., Gerula D., Kiprijanovska H., Filipi J., Petrov P., Ruottinen L., Pechhacker H., Berg S., Dyrba W., Ivanova E., Büchler R. 2014. Swarming, defensive and hygienic behaviour in honey bee colonies of different genetic origin in a pan-European experiment. *Journal of Apicultural Research* 53(2): 248-260 (DOI 10.3896/IBRA.1.53.2.06). ISI Impact factor (2012) 1,926.
 11. Uzunov A., Meixner M., Kiprijanovska H., **Andonov S.**, Gregorc A., Ivanova E., Bouga M., Dobi P., Büchler R., Francis R., Kryger P. 2014. Genetic structure of *Apis mellifera macedonica* in the Balkan Peninsula based on microsatellite DNA polymorphism. *Journal of Apicultural Research* 53(2): 288-295 (DOI 10.3896/IBRA.1.53.2.10). ISI Impact factor (2012) 1,926.
 12. Francis R., Amiri E., Meixner M., Kryger P., Gajda A., **Andonov S.**, Uzunov A., Topolska G., Charistos L., Costa C., Berg S., Bienkowska M., Bouga M., Büchler R., Dyrba W., Hatjina F., Ivanova E., Kezic N., Korpela S., Le Conte Y., Panasiuk B., Pechhacker H., Tsoktouridis G., Wilde J. 2014. Effect of genotype and environment on parasite and pathogen levels in one apiary - a case study. *Journal of Apicultural Research* 53(2): 230-232 (DOI 10.3896/IBRA.1.53.2.14). ISI Impact factor (2012) 1,926.
 13. Büchler R., **Andonov S.**, Bienefeld B., Costa C., Hatjina F., Kezic N., Kryger P., Spivak M., Uzunov A., Wilde J. 2013. Standard methods for rearing and selection of *Apis mellifera* queens. *Journal of Apicultural Research* 52 (1): 07 (DOI 10.3896/IBRA.1.52.1.07). ISI Impact factor (2011) 1,531.
 14. van der Zee R., Pisa L., **Andonov S.**, Brodschneider R., D. Charriere J., Chlebo R., F. Coffey M., Dahle B., Gray A., M. Drazic M., Kauko L., Kence A., Kence M., Kezic N., Kralj J., Kristiansen P., Martin Hernandez R., Mutinelli F., Kim Nguyen B., Otten C., Özkirim A., Pernal S., Peterson M., Ramsay G., Santrac V., Soroker V., Topolska G., Uzunov A., Vejsnæs F., Wei S., Wilkins S. 2012. Managed honey bee colony losses in Canada, China, Europe, Israel and Turkey, for the winters of 2008-2009 and 2009-2010, *Journal of Apicultural Research* (DOI 10.3896/IBRA.1.51.1.12). ISI Impact factor (2010) 1,028.
 15. Uzunov A., Kiprijanovska H., **Andonov S.**, Naumovski M., Gregorc A. 2009. Morphological diversity and racial determination of the honey bee (*Apis mellifera* L.) population in the Republic of Macedonia, *Journal of Apicultural Research*, (DOI 10.3896/IBRA.1.48.3.08). ISI Impact factor (2007) 0,746.
 16. **Andonov S.**, Ødegård J., Boman I. A., Svendsen M., Holme I. J., Ådnøy T., Vukovic V., Klemetsdal G. 2007. Validation of Test-Day Models for Genetic Evaluation of Dairy Goats in Norway. *J. Dairy Sci.* 90: 4863-4871 (DOI:10.3168/jds.2006-626). ISI Impact factor (2007) 2,903.

10.2. Scientific, research, technical and other papers, abstracts, posters and documents:

1. Popovski Z.T., Tanaskovska B., Miskoska-Milevska E., **Andonov S.**, Domazetovska S. 2016. Associations of biochemical changes and maternal traits with mutation 1843 (C>T) in the *RYR1* gene as a common cause for porcine stress syndrome. *BJMG*, 19 (2) 75-80. DOI: 10.1515/bjmg-2016-0039.
2. Nakov D., Andonov S., Trajchev M. 2016. Antioxidant status in dairy cows during transition period. *Journal of Agricultural, Food and Environmental Sciences*. VOL 68, p 1-8. (http://www.fzhn.ukim.edu.mk/jafes/VOL%2068_2016/Trudovi/079.html).
3. Tanaskovska B. R., Srbnovska S., **Andonov S.**, Trojancanec S., Nestorovski T., Popovski Z.T. 2016. Genotipization of k-Casein in Holstein-Friesian Cattle in Macedonia and its Association with some milk properties. *Int. J. Agri. Innovations and Res.* Volume 5, Issue 2, ISSN (Online) 2319-1473.

4. Trajcev M., Nakov D., **Andonov S.** 2016. The effect of thermal environment on daily milk yield of dairy cows. *Mac Vet Rev* 2016; 39 (2). (<http://dx.doi.org/10.1515/macvetrev-2016-0084>).
5. Popovski Z.T., Kwasek K., Wojno M., Dabrowski K., Tanaskovska B., **Andonov S.**, Wick M. 2015. RNA/DNA ratio in white muscle samples of different size Koi carp grown at different temperatures: Techniques comparison. 2nd International Symposium for Agriculture and Food. Ohrid, 7-9 Oct.
6. Vukovic V., **Andonov S.** 2015. Phenotypic levels for economically important traits in the overall population of pigs in the Republic of Macedonia. 2nd International Symposium for Agriculture and Food. Ohrid, 7-9 Oct.
7. Meixner M., Buchler R. Costa C., **Andonov S.**, Bienkowska M., Bouga M., Filipi J., Hatjina F., Ivanova E., Kezic N., Kryger P., Le Conte Y., Panasiuk B., Petrov P., Ruottinen L., Uzunov A., Wilde J. 2015. Looking for “The Best Bee”, *American Bee Journal*, Volume 155, No. 6, June 2015, USA.
8. Vuković V., Milojković D., **Andonov S.**, Mocsári E., Simon G. 2015. Effect of genotype and year of birth of Topigs Norsvin breeding gilts on their later performances. 22nd International Conference. Krmiva. Opatija 25-27 May.
9. Drazic M., Filipi J., Prduz S., Jerebic N., Jukic J., Brajkovic J., **Andonov S.**, Bubalo D., Kezic N. 2015. Varroa infestation of the worker brood. The COLOSS Workshop on “Research network for sustainable bee breeding. Kirchhain, Germany. 9-10 Feb. 2015.
10. Goulbovski M., Uzunov A., Kiprijanovska H., **Andonov S.** 2015. Monitoring of honey bee colony losses in Republic of Macedonia. The COLOSS Workshop on “monitoring beelosses”. Copenhagen, Denmark. 27–28 Jan. 2015.
11. Мукаетов, Д., Димов С., **Андонов С.**, Чукалиев О., Попоска Е., Попоска Х. 2014. Оценка на ранливоста на земјоделскиот сектор и квантификација на адаптивните мерки во југоисточниот регион на Македонија. Прв симпозиум истражувања од областа на животната средина. МАНУ, Скопје. 21-22 Ноем. 2014.
12. Costa C., **Andonov S.**, Bienkowska M., Bouga M., Büchler R., Filipi J., Hatjina F., Ivanova E., Kezic N., Kryger P., Le Conte Y., Meixner M., Panasiuk B., Petrov P., Ruottinen L., Uzunov A., Wilde J. 2014. The influence of genetic origin and environment on the survival and performance of European colonies. Eurobee. Murcia, Spain. 9-11 Sep. 2014.
13. **Andonov S.**, Klemetsdal G., Ådnøy T. 2014. Computer intensive calculation of reliability of predicted breeding values with animal model, as a means for decision making in practical breeding schemes. 10th WCGALP program & proceedings books: 880. Vancouver, Canada.
14. **Andonov S.**, Vukovic V., Uzunov A., Mijakova Murdzeva A. 2014. Validation of Repeatability Models in Genetic Evaluation of Reproductive Traits in Pigs. 10th WCGALP program & proceedings books: 920. Vancouver, Canada.
15. Buchler R., Kezic N., Costa C., Panasiuk B., Bienefeld K., **Andonov S.**, Uzunov A., Hatjina F., Bienkowska M., Wilde J., New breeding strategies - in order to protect the honey bee population, COLOSS WS, Palermo, Italy, 5th Nov - 9th Nov, 2012.
16. Popovski, Z.T., Dimitrievska B., **Andonov S.**, Vukovic V. S., Domazetovska S., Miskoska – Milevska E. 2012. Correlation between certain biochemical parameters and different genotypes for malignant hyperthermia in swine. The First International Symposium on Animal Science. 8-10 Nov. 2012, Belgrade, Serbia.
17. Trajcev M., Nakov D., Zlatanović Z., **Andonov S.** 2012. Association between dairy cows dirtiness score and incidence of clinical mastitis. The First International Symposium on Animal Science. 8-10 Nov. 2012, Belgrade, Serbia.
18. Nakov D., Trajcev M., **Andonov S.**, Ostojić Andrić D. 2012. Relationship between milk yield of dairy cows and incidence of clinical mastitis during lactation. The First International Symposium on Animal Science. 8-10 Nov. 2012, Belgrade, Serbia.
19. Uzunov A., Büchler R., Kiprijanovska H., **Andonov S.**, Observations on queen mating behavior on a small island, SICAMM conference, Landquart, Switzerland, 31st August to 4th Sep. 2012.

20. Kiprijanovska H., **Andonov S.**, Büchler R, Drazic M., Hatjina F., Kezic N., Panasiuk B., Le Conte Y., Uzunov A., Wilde J., Assessment of the behavioral traits in the international GEI experiment of COLOSS WG4, Workshop WG4 "Honey bee vitality and diversity –Behavioral traits: Final results and paper preparing", 15th-17th May 2012, Ohrid, Macedonia.
21. Uzunov A., Kiprijanovska H., **Andonov S.**, Gregorc A., Initial activities for preserving native honey bee population (*Apis mellifera macedonica*) in Republic of Macedonia, International Symposium about Carniolan Honeybee, 16 March, 2012, Celje, Slovenia.
22. Uzunov A., Kiprijanovska H., **Andonov S.**, Buchler R., Thymovar efficiency on *Varroa destructor* under excessive summer condition in South-Eastern Europe, ApiEcoTech Apimondia Symposium, 18-19 Feb. 2012, Belgrade, Serbia.
23. Uzunov A., Kiprijanovska H., **Andonov S.**, Buchler R., Thymovar efficiency on *Varroa destructor* under excessive summer condition in South-Eastern Europe, Research report, in print.
24. Uzunov A., Kiprijanovska H., **Andonov S.**, Macedonian honey bee (*Apis mellifera macedonica*), Serbia, Pcelarski zurnal, No. 11, 2011.
25. Uzunov A., Kiprijanovska H., Petrovski I., Dodevski I., **Andonov S.**, Analysis of *Varroa* mite population development in relationship with brood area, bee population and initial infestation level in experimental honey bee colonies, COLOSS Workshop Honey bee vitality and diversity - status of the GEI experiment and the subspecies discrimination methods comparison - Plovdiv, Bulgaria, Mar. 01-03, 2011.
26. Uzunov A., Kiprijanovska H., Petrovski I., Dodevski I., **Andonov S.**, Analysis of *Varroa* mite population development in relationship with brood area, bee population and initial infestation level in experimental honey bee colonies, COLOSS Workshop Honey bee vitality and diversity - status of the GEI experiment and the subspecies discrimination methods comparison - Plovdiv, Bulgaria, Mar. 01-03, 2011.
27. **Andonov S.**, Vukovic V., Uzunov, A., Genetic parameters for reproductive traits and number of teats in pigs. 9th WCGALP, Leipzig Germany, 2010.
28. Vukovic V., **Andonov S.**, Vasilev D., Trpkovski Z., Mijakova Murdzeva A. 2010. Improved Classification Results for Macedonian Pork. 9th WCGALP, Leipzig Germany.
29. Uzunov A., **Andonov S.**, Kiprijanovska H., Winter losses of honey bee colonies in Republic of Macedonia, 6th COLOSS Conference, Hacettepe University, Ankara, Turkey, 2010.
30. Uzunov A., Kiprijanovska H., **Andonov S.**, Evaluation of honey bee colonies; survival rate according to their different level with *Varroa destructor*, 4th European conference of apidology, Ankara, Turkey, 2010.
31. Uzunov A., Kiprijanovska H., **Andonov S.**: Common European Performance Test Protocol for honey bee, Serbia, Pcelarski zurnal, No. 7, 2010.
32. Uzunov A., Kiprijanovska H., **Andonov S.**, Relationship between *Varroa* mite Infestation levels and honey bee colonies survival rate, COLOSS Work Shop Standardized protocols for honey bee vitality and diversity" Agricultural Univ. of Athens, Greece 26-27. Feb. 2010.
33. Uzunov A., **Andonov S.**, Kiprijanovska H., Les pertes de colonies dans la Republique de Macedoine, Buletin Technique Apicole, N° 146 Vol.36 (2), 2010.
34. **Andonov, S.**, Srbinovska Sonja. 2009. Impact of geographical indication on livestock products in Republic of Macedonia. 1st FAO Regional Expert Meeting on "Livestock based GIs as an entry point to maintain agro-biodiversity" - 20-21 Oct, FAO REU/SEU, Hungary.
35. Uzunov A., Kiprijanovska H., **Andonov S.** 2009. Assessment of the honey bee colony losses in Republic of Macedonia for the winter season 2007/2008. Apimondia - Montpellier, France, Sep. 2009.
36. Kiprijanovska H., Uzunov A., **Andonov S.** 2009 Overwintering food consumption on the testing apiary in Republic of Macedonia. Apimondia 2009 - Montpellier, France, Sep. 2009.
37. Uzunov A., Kiprijanovska H, **Andonov S.** 2009. Diversity of honey bees (*Apis mellifera L.*) on the territory of Republic of Macedonia, 5th COLOSS Conference –Montpellier, France, 14-15 Sep. 2009.

38. Uzunov A., Kiprijanovska H, **Andonov S.** 2009. Testing and evaluation of biological and productive characteristics of the honey bee population in Republic of Macedonia, COLOSS Workshop Standardization of Methods for Vitality Test - Island of Unije, Croatia, May 25-28, 2009.
39. Uzunov A., **Andonov S.**, Kiprijanovska H. 2009 Colony losses in the Republic of Macedonia, 4th COLOSS Conference – Zagreb, Croatia, 3-4 Mar. 2009.
40. Vuković V., **Andonov S.**, Malovrh Š., Kocevski D., Dimitrievski Z., Kovač M. 2007. Estimation of genetic parameters for number of teats and traits from performance test of gilts. 3rd Meeting of the Universities and Research Institutions for Animal Science of the Balkan Countries, Thessaloniki Feb 10 – 12.
41. Cukaliev O., Mukaetov D., **Andonov S.**, Risteovski P., Micev I. 2007. II Communication to UNCCC, Sector agriculture. UNDP.
42. Dzabirski V., Porču K., Popovski T.Z., **Andonov S.**, Dimitrievska Blagica. 2006. Preliminarni rezultati polimorfizma DNK mikrosatelita razlicitotg porekla u genomu autohtonih sojeva ovaca rase pramenke u Makedoniji. Abstract, XIX Naučno-stručni skup poljoprivrede i prehrambene industrije, 7-9 juni, Neum.
43. **Andonov S.**, J. Ødegård, G. Klemetsdal, T. Ådnøy, Inger Anne Boman, V. Dzabirski, V. Vukovic, D. Kocevski, Sonja Srbinovska. 2006. Estimation of Genetic Parameters for Milk Traits in Dairy Goats Using a Random Regression Model. Yearbook of Faculty of Agricultural Sciences and Food, Skopje. p. 135-147.
44. Porcu K., Dzabirski V., Popovski T. Z., **Andonov S.**, Tanaskovska Blagica. 2006. Catalogue of west Balkan pramenka sheep breed types – Pramenka breed types of Macedonia p. 55-61. Norwegian see program in Agriculture: "Competence transfer and institutional contact and cooperation between faculties of Agriculture, Forestry and Veterinary medicine in South Eastern Europe".
45. Dzabirski V., Porcu K., Dimitrievska Blagica, **Andonov S.**, Popovski T.Z. 2005. Genetic identity among Macedonian indigenous sheep strains. Proceedings Conference for Ovine and Caprine production. Abstract, p.386. 3-7 Sep., 2005, Ohrid, Macedonia.
46. Vukovic V., **Andonov S.**, Petrovic Milica, Vasilev D., Belicovski S. 2004. Heritability of litter size traits of swine estimated by repeatability animal model with one and two traits. 16th Symposium on innovation in animal science and production, Biotechnology in animal husbandry, 20(5-6) p. 79, Belgrade, Yugoslavia, November 17-18.
47. Porcu K., Popovski Z.T., Dzabirski V., **Andonov S.**, Blagica Tanaskovska. 2004. Determination of pick values of cattle goat and sheep DNA micro satellites in the sheep genome. International Symposium: Sustainable Utilization of Indigenous Plant and Animal Genetic Resources in the Mediterranean Region, Mostar, BiH, 2004.
48. Vukovic V., **Andonov S.**, Kocevski D., Popovski Z., Belicovski S.: 2004. Overview of pig breeding in Republic of Macedonia. 4th International workshop on data management and genetic evaluation in pigs, Book of abstracts, 4, p.66, Department of Animal Science, Biotechnical Faculty, University of Ljubljana, Domzale, Slovenia.
49. Petkovski S., Matevski V., Melovski Lj., **Andonov S.**, Spirkovski Z. 2004. Capacity self-assessment within the thematic area of biodiversity. UNDP.
50. Petkovski S., Matevski V., Melovski Lj., Krstic S., Nikolov N., **Andonov S.** 2004. Glossary of Biodiversity Terminology. Ministry of Environment and Physical Planning. Skopje.
51. Ивановска С., Поп-Симонова Г., **Андонов С.**, Џабирски В. 2003. Состојба на биолошката разновидност во земјоделското производство во Република Македонија. II Конгрес на екологите на Македонија со меѓународно учество. 25-29 Окт. Охрид. с. 364-369.
52. Џабирски В., **Андонов С.**, Николов П., Илиќ Б., Порчу К. 2003. Некои аспекти на органското сточарско производство кај преживните животни. Зборник на трудови од II конгрес на екологите во Република Македонија со меѓународно учество, стр. 105-113. Охрид.

53. Popovski Z., Vukovic V., **Andonov S.**, Porcu K., Tanskovska B. 2003. Correlation between genotype for Porcine Stress Syndrome and some productive and reproductive traits in pigs. Book of abstracts, II symposium of livestock production with international participation. Ohrid.
54. Поповски З., Порчу К., Џабирски В., Благица Димитријевска, **Андонов С.**, Коцевски Д., Вуковиќ В. 2003. Примена на ДНК-микросателитите во карактеризацијата на биодиверзитетот кај животните. Зборник на трудови од II конгрес на еколозите во Република Македонија со меѓународно учество, стр. 398-403. Охрид.
55. Gjorgievski S., Dzabirski V., **Andonov S.**, Kozarovski N., Ilic B., Gjorgievski P., Trajcev M. 2003. The effects of improved sheep nutrition in the last third of pregnancy upon the lambs' body live weight and sheep milk production. Book of abstracts, II symposium of livestock production with international participation. p. 33. Ohrid.
56. Gjorgievski S., Dzabirski V., **Andonov S.**, Trajcev M., Ilic B., Gjorgievski P., Petkov V. 2003. The influence of flushing method to conception of sheep. Book of abstracts II symposium of livestock production with international participation. p. 32. Ohrid.
57. Popovski Z., Tanaskovska B., Porcu K., Vukovic V., **Andonov S.**, Palasevski B. 2002. New Approach in Detection of Porcine Stress Syndrome. *Biotechnology in Animal Husbandry*, 18 (5-6) p. 73-80.
58. Petkovski S., Matevski V., Melovski Lj., Krstic S., Nikolov N., **Andonov S.** 2003. Country study for biodiversity of the Republic of Macedonia – First National Report. Ministry of Environment and Physical Planning. Skopje.
59. Petkovski S., Matevski V., Melovski Lj., Krstic S., Nikolov N., **Andonov S.** 2003. Biodiversity strategy and action plan of the Republic of Macedonia. Ministry of Environment and Physical Planning, Skopje.
60. Џабирски В., **Андонов С.**, Србиновска Соња, Венев Д. 2003. Прирачник за одгледување овци и приозводство на бело саламурено сирење. CARE Internacional Makedonia.
61. **Андонов С.**, Џабирски В. 2002. Козарство, практично упатство за одгледувачи. ГТЗ – Поддршка на модернизацијата на македонското земјоделство.
62. Vukovic V., **Andonov S.**, Kocevski D., Belicovski S. 2002. Predicted selection response for productive and reproductive traits in macedonian national breeding program. 7th World Congress on Genetic Applied to Livestock Production, Montpellier, France, Aug. 19-23.
63. **Andonov S.**, Dishnica, T., Djordjevic, T., Mladenovski, M., Tarelli, T., Toic, U., van den Broek, A. 2002. Technology transfer to private farmers through Competitive (Research) Grant Schemes in South East Europe. 5th IFSA European Symposium on Farming and Rural Systems Research and Extension. Local Identities and Globalization. Florence, Italy Apr. 8 - 11.
64. Srbinovska Sonja., Cizbanovski T., Dzabirski V., **Andonov S.**, Palasevski B. 2001. Dynamics of salt diffusion and yield of three types of goat sheese. *Mljekarstvo* 51, (1) 15-26.
65. Dzabirski V., **Andonov S.**, Palasevski B., Elena Eftimova, Galevski S., Kontradenko V., Velev D., Stojkovski J., Danevski Z. 2001. Identification and registration of farm animals in the Republic of Macedonia - a case study. *Zbornik radova i kratkih informaca*, 13 Kongres veterinarara Srbije. Zlatibor. 11-14 Sep.
66. Савевски Н., Џабирски В., Савовска-Каранданис Елена, **Андонов С.** 2001. Телесни мерки и некои параметри кај македонскиот овчарски пес шарпланинец. Симпозиум за сточарство со меѓународно учество. Струга, 23-25 мај.
67. Popovski Z., Dzabirski V., **Andonov S.**, Trojacanec S. 2001. Polymorphisms of some serum proteins and hemoglobin in conserved nucleus of karakachan sheep in Macedonia. Symposium of livestock production with international participation. Struga, 23-25th May.
68. Пациновски Н., Џабирски В., Козаровски Н., Беличовски С., **Андонов С.**, Димитријевска Г. 2001. Прираст и кланични особини на јагнињата крстоски помеѓу хиос овни и домашната меринизирана овца одгледани на паша. Симпозиум за сточарство со меѓународно учество. Струга, 23-25 мај.

69. Козаровски Н., Џабирски В., Пациновски Н., **Андонов С.** 2001. Кланични особини на јагнињата од каракачанската овца во Р. Македонија. Симпозиум за сточарство со меѓународно учество. Струга, 23-25 мај.
70. Џабирски В., Пациновски Н., Козаровски Н., Беличовски С., **Андонов С.**, Димитриевска Г. 2001. Сардиниските овни и домашната меринизирана овца одгледувани на паша. Симпозиум за сточарство со меѓународно учество. Струга, 23-25 мај.
71. Козаровски Н., Џабирски В., **Андонов С.**, Јордановски Н., Ѓорѓиевски С., Стојковиќ Ј. 2001. Влијание на изворот на протеини во дажбата и нивната сварливост, биланс на азотот и неговата ретенција при исхрана на гојни јагниња. 2001. Симпозиум за сточарство со меѓународно учество. Струга, 23-25 мај.
72. Стојковиќ Ј., Џабирски В., **Андонов С.**, Јордановски Н., Ѓорѓиевски С., Козаровски Н. 2001. Влијание на сачмата од маслодајна репка во крмни смеси и Симпозиум за сточарство со меѓународно учество. Струга, 23-25 мај.
73. Козаровски Н., Палашевски Б., Џабирски В., **Андонов С.**, Пациновски Н. 2000. Придонес кон познавањето на прирастот и кланичниот квалитет кај јагнињата мелези од F_1 генерација помеѓу домашната меринизирана овца и сардиниската раса. Македонска ветеринарна ревија 29. 2/3 р.43-48, Скопје.
74. Kozarovski N., Dzabirski V., Mioc B., Pavic Vesna., Palacevski B., **Andonov S.**, Pacinovski N., Micevski P., Pejkovski C. 2000. Prirast i klaonicka svojstva janjadi F_1 generacije merinizirane ovsepoljske ovce i merinolandsnafa. Stocarstvo, 54:2000, (3), 183-190. Zagreb.
75. Џабирски В., **Андонов С.**, Козаровски Н.1998. Принос и квалитет на волната кај расата виртемберг во услови на Р. Македонија. Македонска земјоделска ревија. Год. 45, број 1-2, 95-100. Скопје.
76. Џабирски В., Козаровски Н., Палашевски Б., **Андонов С.**, Пациновски Н., Налетовски З. 2000. Динамика на прирастот и некои кланични параметри кај јагнињата мелези од F_1 генерација помеѓу домашната меринизирана овца и расата хиос. Macedonian Veterinary Review 29. 2/3, 37-42. Скопје.
77. **Andonov S.**, Van den Broek A. 2000. Competitive research contracts for applied on-farm research for private farmers in Macedonia. 4th EUROPEAN FARMING SYSTEMS SYMPOSIUM. University of Thessaly, Volos, GREECE April 3 - 7.
78. Dzabirski V., **Andonov S.**, Mickovski G., Trojancanec P., Dovenski T. 1999. Influence of season and artificial photoperiod on libido in domestic meriono crossbreeds and merinolandsnaf rams. Животновдни науки. Година XXXVI, 5-6/1999, 5-10. Софија
79. Џабирски В., **Андонов С.**, Хајрип М. 1997. Примена на Wood–овиот модел за опис на млечноста и масленоста кај бардока овците. Зборник од Конференцијата за овчарство и козарство, 2-6 септември, Охрид, стр. 58.
80. Џабирски В., **Андонов С.**, Козаровски Н. 1999. Принос и квалитет на волната кај расата виртемберг во услови на Р. Македонија. Македонска Земјоделска Ревија.
81. **Andonov S.**, Dzabirski V., Sonja Srbinovska. 1998. Selection of dairy goats by using lactation curve model. 6th International Symposium on the Milking of Small Ruminants, Athens, Greece.
82. **Андонов С.** 1997. Селекција на козите со примена на модел на лактациска крива. Докторска дисертација. Земјоделски факултет, Скопје.
83. Belicovski S., Vukovic V., **Andonov S.** 1996. The effect of genotype, parity and year of farrowing to same reproductive characteristic of sow. Scientific Conference: Problems of animal breeding in Bulgaria, 4 Oct, 1996, Sophia, Bulgaria.
84. Соња Србиновска, Чижбановски Т., **Андонов С.**, Џабирски В., Токовски Т. 1995. Одредени својства на млекото од домашната популација кози во типот на санската раса. Годишен зборник на ЗФ, книга XL, Скопје.
85. Токовски Т., Џабирски В., **Андонов С.**, Соња Србиновска. 1995. Карактеристики на вимето и производство на млеко кај домашната популација на бели кози (Сански тип). Годишен зборник на ЗФ, книга XL, Скопје.

86. **Andonov S.**, Milena Kovac, Kompan D. 1994. BLUP estimation of breeding values for daily milk yield and fat content in dairy goats. III MKOK, Ohrid.
87. **Andonov S.**, Milena Kovac, Kompan D. 1994. Covariance components for test day production of dairy goats. 45-th Annual Meeting of EAAP. 5-8 Sep. 1994. Edinburgh.
88. **Andonov S.** 1994. Estimation of genetic parameters for milk production in dairy goats using the first records of lactation. M. Sci. Thesis. Uni. of Ljubljana, Biotechnical Faculty, Zootechnical Department. Domzale.
89. Беличовски С., Вуковиќ В., **Андонов С.** 1994. Влијанието на генотипот и редоследот на опрасување на маториците врз големината и масата на леглото. Средба Факултет Стопанство, Скопје.
90. **Андонов С.**, Токовски Т., Џабирски В. 1994. Погодно виме за машинско молзење кај козите. Средба Факултет-стопанство, Скопје.
91. Џабирски В., **Андонов С.**, Сњежана Тројчанец, Довенски Т., Петков В. 1993. Примена на либидо тест како метод за оцена на репродуктивната активност на овните. II Меѓународна летна конференција за подобрување на овчарското и козарското производство. 01-04.09.1993. Охрид.
92. Токовски Т., Џабирски В., **Андонов С.** 1993. Физички особини на волната и екстериер кај мелезите на меринизираната овчеполска овца со романовски овни. Годишен зборник на ЗФ, книга XXXVIII, Скопје.
93. **Андонов С.** 1993. Козарството во Франција. Македонски ветеринарен гласник, XXII (1-2), стр. 69-72.
94. **Andonov S.**, Dzabirski V. 1993. Growth and development of the goat mammary gland. 5-th International Symposium on Machine Milking of Small Ruminants. 14-20 may 1993, Budapest.
95. Токовски Т., Џабирски В., **Андонов С.** 1992. Промена на живата маса на приплодните овци во текот на производната година. Годишен зборник на ЗФ, книга XXXVI, Скопје.
96. Токовски Т., **Андонов С.**, Џабирски В. 1992. Технологија за одгледување на млечни кози. Средба Факултет-стопанство, Скопје.
97. Беличовски С., Токовски Т., Џабирски В., **Андонов С.**, Пејковски З., Козаровски Н. 1991. Кланичната вредност на јагнињата од овчеполската меринизирана овца и нејзините мелези со виртембершки овни. Годишен зборник на ЗФ, книга XXXV, Скопје.
98. Токовски Т., Џабирски В., Козаровски Н., **Андонов С.** 1991. Влијанието на расата виртемберг врз гојната способност на јагнињата од меринизираната овчеполска овца. Годишен зборник на ЗФ, книга XXXV, Скопје.
99. Џабирски В., **Андонов С.**, Токовски Т. 1991. Примена на некои метод за подобро репродуктивно искористување на овците. Средба Факултет-стопанство, Скопје.
100. **Andonov S.** 1991. Some information about the Goat Production in Republic of Macedonia – Yugoslavia. IAMZ, Zaragoza, Spain.
101. Токовски Т., **Андонов С.**, Џабирски В. 1991. Некои прашања за одгледување на козите. Средба Факултет-стопанство, Скопје.
102. **Андонов С.** 1990. Една генетска програма за подобрување на автохтоните популации домашни животни. Средба Факултет-стопанство, Скопје.
103. Беличовски С., Токовски Т., Џабирски В., **Андонов С.** 1989. Утицај укрштања меринизирани овчеполске овце са виртембершким оновима на принос и неке особине меса јаради. XI Југословенско саветовање, Квалитет и стандардизација меса стоке за клање, перади, дивљачи и риба. Доњи Милановац.
104. **Andonov S.** 1989. Improvement of the local goat population in Republic of Macedonia – Yugoslavia by crossing with exotic milk breeds. Monographic work. IAMZ, Zaragoza, Spain.