

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

Name: Sreten Andonov
 Title: Senior researcher (PhD)
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 Address: Swedish University of Agricultural
 Sciences, Dep. Of Animal Science and
 Genetic
 Box 7023, 75007 Uppsala, Sweden
 Nationality: Macedonian
 Date of birth: 16. Feb. 1964
 Website: <https://www.slu.se/en/departments/animalgenetics/>

**2. Employment History**

- 2018 - Swedish University of Agricultural Sciences, Dep. Of Animal Science and Genetic
- 1989-2018: University Ss Cyril and Methodius, Faculty of Agricultural Sciences and Food, Skopje

3. Education

- 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).
- 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.
- 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. Experience

- Teaching experience:
 2007-2018: 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.

3. 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.

4. Committees/boards/senate

1 PhD supervisor

5 MSc committees

7 PhD committees

2008 – 2018: 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.
2. Excellent knowledge of MS office
3. Good knowledge of SPSS.
4. Knowledge of R, SAS.

6. Languages

1. Macedonian (mother tongue)
2. English (fluent)
3. Spanish, German (basic)
4. Bulgarian, Serbian, Croatian (fluent)

7. Seminars/lectures/presentations

1. 2017: Development curricula for climate change and agriculture in vocational high schools. FAO, building capacity for climate change in Republic of Macedonia.
2. 2017: Climate change and livestock production. Thematic workshop, Influence of

- climate change in livestock production, use and adaptation measures. UKIM, Livestock Institute, Skopje.
3. 2017: How different data sources affect accuracy of estimated BV in sub-populations (Simulation study). Meeting of jubilee for prof. Milena Kovac, PhD, University of Ljubljana, Biotechnical faculty.
 4. 2017: Choices in genomic evaluation for small populations. Interbull, Technical Workshop, Ljubljana, Slovenia 6-8 Feb. 2017
 5. 2016: Data validation for statistical analysis. Seminar in FP7: Smartbee project. Malta.
 6. 2016: Livestock: Population genetic; Genetic and selection; Linear models; BLUP application; Genomic selection. Visiting professor in Agricultural University Novosibirsk, Russia.
 7. 2016: A method to calculate connectedness across population, Uni. of Georgia, Athens, GA, USA
 8. 2016: Different sources of information and accuracies across linked populations, Uni. of Georgia, Athens, GA, USA.
 9. 2016: Sheep industry in Macedonia, challenges and perspective. Dine Collage, Tsaille, AZ, USA.
 10. 2015: Genetic in Honey bees, Uni. of Georgia, Athens, GA, USA.
 11. 2015: VSH sampling size. Honey Bee institute, Kirchhain, Germany.
 12. 2014: Some aspects of bee breeding program, Thessaloniki, Greece.
 13. 2014: A method to calculate correlation of true and predicted breeding values under practical circumstances. Uni. of Live Sci. Aas, Norway.
 14. 2013: CACO method for accuracy estimation in Breeding programs, INRA, Jouy en Josas, France.
 15. 2010: The impact of climate change on the livestock sector. World Bank climate change project. (Macedonia).
 16. 2010: Animal Genetic Resources in Macedonia. Univ. in Dusche, Dusche, Turkey.
 17. 2008-2009: Course of Statistic in food safety. TEMPUS program, Macedonia.
 18. 2008: Sheep Breeds in Macedonia. ERF-FAO regional meeting Sarajevo (Bosnia and Herzegovina).
 19. 2006: Common methodology for indicator development on AnGR. FAO, Rome (Italy).
 20. 2005: Course of Statistic in food safety international studies. TEMPUS program (Macedonia).
 21. 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 – ERFP (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

10.1. Scientific and research papers with Impact factor:

1. Zhang X., Tsuruta S., **Andonov S.**, Lourenco D. A. L., Sapp R. L., Wang C., Misztal I. 2018. Relationships among mortality, performance, and disorder traits in broiler chickens: a genetic and genomic approach. 2018 Poultry Sci. 0:1–8. ISI Impact factor (2016) 1,908. <http://dx.doi.org/10.3382/ps/pex431>
2. **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>.
3. 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.
4. 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.
5. 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.

6. **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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.

15. 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.
16. 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.
17. **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. **Andonov S.**, Lourenco D., Fragomeni B., Masuda Y., Pocrnic I., Tsuruta S., Misztal I. 2017. How to increase accuracy of breeding values in small dairy populations — A simulation study. 3rd International Symposium for Agriculture and Food - ISAF 2017, Ohrid (Oct. 18-20).
2. Uzunov A., Büchler R., **Andonov S.**, Pavlov B., Golubovski M. 2017. Phenotypic parameters of some traits in honey bee population of *Apis mellifera*. 3rd International Symposium for Agriculture and Food - ISAF 2017, Ohrid (Oct. 18-20).
3. 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 *RYS1* gene as a common cause for porcine stress syndrome. *BJMG*, 19 (2) 75-80. DOI: 10.1515/bjmg-2016-0039.
4. 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).
5. Tanaskovska B. R., Srbinovska 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.
6. 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>).
7. 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.
8. Vukovic V., **Andonov S.** 2015. Review of the achieved results in the pig production of the Republic of Macedonia. 2nd International Symposium for Agriculture and Food. Ohrid 7-9 Oct. Proceedings, p. 702-709.
9. 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.
10. 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.
11. 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.
 12. 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.
 13. 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.
 14. 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.
 15. 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.
 16. **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.
 17. **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.
 18. 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.
 19. 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.
 20. 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.
 21. 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.
 22. **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.
 23. 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.
 24. 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.
25. 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.
 26. 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.
 27. Uzunov A., Kiprijanovska H., **Andonov S.**, Macedonian honey bee (*Apis mellifera macedonica*), Serbia, **Pcelarski zurnal, No. 11, 2011.**
 28. 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.
 29. 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.
 30. **Andonov S.**, Vukovic V., Uzunov, A., Genetic parameters for reproductive traits and number of teats in pigs. 9th WCGALP, Leipzig Germany, 2010.
 31. Vukovic V., **Andonov S.**, Vasilev D., Trpkovski Z., Mijakova Murdzeva A. 2010. Improved Classification Results for Macedonian Pork. 9th WCGALP, Leipzig Germany.
 32. Uzunov A., **Andonov S.**, Kiprijanovska H., Winter losses of honey bee colonies in Republic of Macedonia, 6th COLOSS Conference, Hacettepe University, Ankara, Turkey, 2010.
 33. 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.
 34. Uzunov A., Kiprijanovska H., **Andonov S.**: Common European Performance Test Protocol for honey bee, Serbia, Pcelarski zurnal, No. 7, 2010.
 35. 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.
 36. Uzunov A., **Andonov S.**, Kiprijanovska H., Les pertes de colonies dans la Republique de Macedoine, Buletin Technique Apicole, N° 146 Vol.36 (2), 2010.
 37. **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.
 38. 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.
 39. Kiprijanovska H., Uzunov A., **Andonov S.** 2009 Overwintering food consumption on the testing apiary in Republic of Macedonia. Apimondia 2009 - Montpellier, France, Sep. 2009.

40. 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.
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