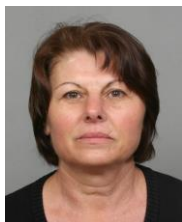


PERSONAL INFORMATION

Atanaska Todorova Teneva



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WORK EXPERIENCE

2016

University of Forestry, Agronomy Faculty
Head of Department of Plant protection

2010 – 2016

University of Forestry, Agronomy Faculty
Associate Professor

2005-2010

University of Forestry, Agronomy Faculty
Assistant Professor

1990-2005

Institute of Animal Science, Kostinbrod, Sofia
Assistant Professor

EDUCATION AND TRAINING

2013

MSc in molecular biology and biotechnology

1990-2002

Ph. D of Genetics
Institute of Animal Science, Kostinbrod, Sofia

1983-1987

MSc Animal Husbandry
High Institute of Zootechnics and Veterinary Medicine, Zootechnic Faculty, Stara Zagora,

Training

1. Seibersdorf, Vienna, Austria - 2004.

Subject of course: "Molecular methods in genetics and breeding of livestock."

Areas of training:

- Techniques for analyzing the genome and genes and principles of the use of molecular markers in livestock;

- Fundamentals and application of molecular genetic markers in conservation of genetic resources;

- Assessment of genetic diversity in populations;

- Genome mapping and QTL mapping;

2. The student of the FAO / IAEA laboratory «Molecular methods and bioinformatics» Institute Parco Tecnologico Padano, Lodi, Italy - 2006.

Areas of specialization:

- Use and application of microsatellite to assess the genetic diversity of populations;

- A study of polymorphism in the promoter region of genes STATA5, GH and GHR genes through SNaPshot technology and their relation to milk and meat productivity;

- Genetics analysis of quantitative traits;

- Use and application of GENEPOP statistics to assess the genetic diversity and balance in populations.

3. International Course organized by FAO / IAEA laboratories "Biotechnology in agriculture", Seibersdorf, Vienna, Austria - 2009.

On a regional technical cooperation project between FAO and IAEA RER / 5015 "Early Warning and control of avian influenza in wild and domestic birds and identifying genetic markers for genetic resistance of birds."

Training in the following areas:

- Genes genome and genomics;

- DNA sequencing;

- Principles of molecular techniques;

- Assessment of genetic diversity between and within populations;

- Genetic resources in poultry: origin and history;

- Animal genetic resources for sustainable development;

- The microsatellite DNA markers and their use for the improvement of the genetic status of the birds.

4. Scientific visit to the IAEA, Vienna, Austria, labs in Seibersdorf, 2011 through national project with the IAEA "Developing and Validating Molecular Nuclear Technologies for Rapid Diagnostics of Foot and Mouth Disease and Genotyping of Indigenous Cattle Breeds" BUL 5012

- Theoretical and practical demonstrations of genomic analysis ISSR, SSR, SNP, AFLP markers;

- Pyrosequencing;

- Primer Design

- Bioinformatics and data analysis

5. Scientific visit Istanbul, Turkey, Istanbul University, Department of biology- 2014 National project with the IAEA BUL 5013 Supporting Laboratory Upgrade for Improved Food Crops through Nuclear and Molecular Techniques (BUL5013).

- SSR markers in plant breeding

- Screening of microsatellites in the whole genome in model plants - potatoes

- Application of bioinformatics programs to design primers

PERSONAL SKILLS

Mother tongue(s)

Bulgarian

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Russian	C2	C2	C2	C2	C2

French

C1

C1

C1

C1

C1

Communication skills

- Good communication skills in the department and the faculty as well as between the universities as a head of department

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent use	Independent user	Independent user	Independent user

- good command of office suite (word processor, spread sheet, presentation software)

ADDITIONAL INFORMATION

Membership in Scientific Organizations:

Member of Faculty council of Agronomy Faculty in University of Forestry

Member of Advisory council of Laboratory for genetic investigations and preservation of domestic animal biodiversity of Bulgarian Academy of Science

Member of the Union of Bulgarian Scientists

Driving licence

B

Publications

65

Projects

18

Citations

80

List of selected publications

1. **Teneva A.**, E. Todorovska, N. Tyufekchiev, L. Kozelov, A. Atanasov, S. Foteva, S. Ralcheva, S. Zlatarev. **2005**. Molecular characterization of Bulgarian livestock genetic resources. I. Genetic diversity in Bulgarian Grey cattle as revealed by microsatellite markers. *Bulgarian Journal of Agricultural Science*, v.11, 3, 363-372.
2. Faruque M.O., G. Mohammad, **A. Teneva**, Y. Takahashi and T. Amano. **2005**. Characterization and conservation of farm animal genetic resources in Bangladesh. *Anim.Sci.*, 5, 298-301.
3. **Teneva A.**, E. Todorovska, N. Tyufekchiev, A. Stella, P. Boettcher, I. Dimitrova. 2007. Molecular characterization of Bulgarian livestock genetic resources. II. Microsatellite variation within and among Bulgarian cattle breeds. *Biotechnology in Animal Husbandry*, 23, 5-6, 227 – 242.
4. Dimitrova I., Tz.Dimitrov, **A.Teneva**, H.Tzvetkova. 2008. Rabbit production in Bulgaria. *Biotechnology in Animal Husbandry*, 24, 1-2, 149-154.
5. Dimitrova I., G.Angelov, **A.Teneva**, P.Uzev. 2009. Artificial insemination of rabbits. *Biotechnology in Animal Husbandry*, 25, 5-6, 1249-1254.
6. **Teneva, A** 2009. Molecular markers in animal genome analysis. *Biotechnology in Animal Husbandry*, 25, 5-6, 1267-1285.
7. Khan M.J.A., M.R.Alam, **A.Teneva**, J.L.Han and M.O.Faruque. 2009. Genetic relationships in different sheep populations of Bangladesh based on microsatellite markers. *J.Bangladesh Agric.Univ.* 7, 2, 291-294.
8. **Teneva, A.**, I. Dimitrova, G. Georgiev, L. Polihronova, K. Ivanova. 2010. Molecular characterization of Bulgarian livestock genetic resources and their optimal utilization for animal production. Proceeding of the FAO/IAEA Sustainable Improvement of animal Production and Health, Sustainable Improvement of Animal Production and Health. Food and Agriculture Organization of the United Nations, Rome, **111–116**.
9. **Teneva, A.**, M.Petrovic. 2010. Application of molecular markers in livestock improvement. *Biotechnology in Animal Husbandry*, 26, 3-4, 135-154.
10. Georgiev, G., G.Gujgulova, L. Polihronova, L., **A. Teneva**, I. Dimitrova, K. Ivanova, E.Todorovska. 2010. Current status, surveillance and control of avian flu in domestic and wild bird populations in Bulgaria. Sustainable Improvement of Animal Production and Health. Food and Agriculture Organization of the United Nations, Rome, **377–381**.
11. Polichronova L., G.Georgiev, **A.Teneva**, S. Chakarova, I. Chenchev. 2010. Improved diagnostic strategy for foot and mouth disease in Bulgaria. *Biotechnology in Animal Husbandry*, 26, 3-4, 155-165.
12. Benina M., V. Petrov, V. Toneva, T. Gechev, and **A. Teneva**. 2013. Molecular Biology and Physiology of the Resurrection Glacial Relic *Haberlea Rhodopensis*. In: *Biotechnology of neglected and underutilized crops*, chapter 4, Jain, Shri Mohan; Dutta Gupta, S. (Eds.). 2013, VIII, 584 p. 84 illus., Springer Science+Business Media Dordrecht. 1-10. ISBN 978-94-007-5499
13. Petrovich V.C., Illic Z.Z, **Teneva A.**, Petrovich M.P., Spacic Z., Petrovich M.M., Muslik D.R. 2013. Study of the growth traits relationship of lambs in the postnatal development. *Bulgarian Journal of Agricultural science. Bulgarian Journal of Agricultural Science*, 19 (No 4) 2013, 647-651.
14. **Teneva, A.**, K. Dimitrov, V. Caro Petrovic, M. P. Petrovic, I. Dimitrova, N. Tyufekchiev, N. Petrov. 2013. Molecular genetics and ssr markers as a new practice in farm animal genomic analysis for breeding and control of disease disorders. *Biotechnology in Animal Husbandry*, v. 29 (3), p 405-429.
15. Nakev G., P. Stamberov, I. Dimitrova, N. Stancheva, S. Georgieva, D. Hristova, G. Angelov, T. Mehmedov, K. Genova, **A. Teneva**. 2013. Growth and development of skeletal muscle in connection with the expression of the myostatin gene (MSTN).

Proceedings of the 10th International Symposium Modern Trends in Livestock Production, October 2-4, 2013, 640-647

16. Periasamy K., R. Pichler, M. Poli, S. Cristel, B. Cetra, D. Medus, M. Basar, .K.Thiruvankadan , S. Ramasamy, Masroor Babbar Ellahi, F. Mohammed, **A. Teneva**, M. Shamsuddin, M. Garcia Podesta, Adama Diallo. 2014. Candidate gene approach for parasite resistance in sheep – variation in immune pathway genes and pilot association test with fecal egg count. PLOS one, v.9, 1-16 **IF 3.6**
17. Petrov N., Stoyanova M., Andonova R., **Teneva A.** 2015. Induction of resistance to potato virus Y strain NTN in potato plants through RNAi. Biotechnology & Biotechnological Equipment, 29(1), 21-26. doi: 10.1080/13102818.2014.984968 IF5г. 0.511
18. Petrov, N., **Teneva, A.**, Stoyanova, M., Andonova, R., Denev, I., Tomlekova, N. 2015 Blocking the systemic spread of potato virus Y in the tissues of potatoes by posttranscriptional gene silencing. Bul.J.Agr.Sci, 21(2), 288-294.
19. Petrov, N., Stoyanova, M., **Teneva, A.** 2015. Viral diseases of potatoes as a precondition for deterioration of food quality, Proceedings disk of 2nd National Food Conference with International Participation, March 20th-21st Sofia, Bulgaria, ISBN 978-954-535-624-7
20. **Teneva A.**, N. Tomlekova and G. Goujgoulova. 2014. Major features, mutation mechanism and development of microsatellites as genetic markers. *Bulgarian Journal of Agricultural Science*, 20 (No 4) 2014, 949-956 **IF.186**
21. **Teneva A.**, V. Gerzilov, M. Lalev, H. Lukanov, N. Mincheva, M. Oblakova, P. Petrov, P. Hristakieva, I. Dimitrova and K. Periasamy. 2015. Current status and phenotypic characteristics of Bulgarian poultry genetic resources. Animal Genetic Resources, 56, 19–27. FAO, 2015. (ISSN 2078-6336).