EUROPEAN CURRICULUM VITAE FORMAT

PERSONAL INFORMATION

Name	Teodora Atanasova Staykova
Address	19 Borba Str., Plovdiv, 4003, BULGARIA
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Nationality	Bulgarian
Date of birth	

WORK EXPERIENCE

• Dates (from – to)	2018
• Name and address of employer	University of Plovdiv “Paisii Hilendarski”
• Type of business or sector	Education
• Occupation or position held	Professor of Genetics (General and Population Genetics)
• Main activities and responsibilities	Basic activities in relation with educational and scientific work Lecturer in: General Genetics, Population Genetics

• Dates (from – to)	2008 - 2018
• Name and address of employer	University of Plovdiv “Paisii Hilendarski”
• Type of business or sector	Education
• Occupation or position held	Assoc. Professor of Genetics
• Main activities and responsibilities	Basic activities in relation with educational and scientific work Lecturer in: General Genetics, Population Genetics, Experimental exercises of General and Population Genetics
• Dates (from – to)	2012 - 2016
• Name and address of employer	University of Plovdiv “Paisii Hilendarski”, Branch - Smolian
• Type of business or sector	Education, management
• Occupation or position held	Assoc. Professor of Genetics, vice director
• Main activities and responsibilities	Basic activities in relation with educational and scientific work Lecturer in: Population Genetics, Experimental exercises of Population Genetics
• Dates (from – to)	2000 - 2008
• Name and address of employer	University of Plovdiv “Paisii Hilendarski”
• Type of business or sector	Education
• Occupation or position held	Head assistent of Genetics
• Main activities and responsibilities	Basic activities in relation with educational and scientific work Lecturer in: Population Genetics, Experimental exercises of General and Population Genetics
• Dates (from – to)	1997 - 2000
• Name and address of employer	University of Plovdiv “Paisii Hilendarski”
• Type of business or sector	Education
• Occupation or position held	Senior Assistant of Genetics
• Main activities and responsibilities	Basic activities in relation with educational and scientific work Experimental exercises of General Genetics and Population Genetics
• Dates (from – to)	1992 - 1997
• Name and address of employer	University of Plovdiv “Paisii Hilendarski”
• Type of business or sector	Education
• Occupation or position held	Assistent of Genetics
• Main activities and responsibilities	Basic activities in relation with educational and scientific work Experimental exercises of General Genetics and Population Genetics

EDUCATION AND TRAINING

• Dates (from – to)	2003
• Name and type of organization providing education and training	University of Plovdiv “Paisii Hilendarski”
• Principal subjects/occupational skills covered	
• Title of qualification awarded	
• Level in national classification	PhD of Genetics

(if appropriate) • Dates (from – to)	1986 - 1991
• Name and type of organization providing education and training	University of Plovdiv “Paisii Hilendarski”
• Principal subjects/occupational skills covered	
• Title of qualification awarded	
• Level in national classification (if appropriate)	Master of Biology
PERSONAL SKILLS AND COMPETENCES *Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas*.	
MOTHER TONGUE	**Bulgarian**
OTHER LANGUAGES	
	English, Russian
• Reading skills	Good
• Writing skills	Good
• Verbal skills	Good
ORGANISATIONAL SKILLS AND COMPETENCES *Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*	Organisational / managerial skills: ▪ leadership of teams of scientific projects, leadership of student’s practices in EU projects; ▪ drawing up of documents in relation with national accreditation procedures; ▪ working out educational plans and programs; ▪ organizing of scientific forums. Job-related skills: Lab skills in application of population genetics and cytogenetics methods (Polyacrylamide gel electrophoresis, Electrophoresis in Starch gel, *Allium* test metod)
DRIVING LICENCE(S)	no

ADDITIONAL INFORMATION

Member of Union of Scientists of Bulgaria (SUB); Member of Black, Caspian Seas and Central Asia Silk Association (BACSA)

Member of team of 18 projects, leader of 7 of projects
Participation in more than16 conferences and congresses

Selected publications:

1. **Stoikova T.,** Popov P., Grekov D., Panayotov M. 1998. Genetic control of nonspecific esterases in mulberry silkworm (Bombyx mori L.) silk glands during ontogenesis. Sericologia, 38 (2), 237-242.
2. **Stoykova T.,** Popov P., Grekov D. 1999. Electrophoretic studies of water-soluble proteins of mulberry silkworm (Bombyx mori L.) testes during ontogenesis. Sericologia, 39 (4), 505 - 509.
3. Popov P., **Stoykova T.,** Dimitrov B. 1999. Genetic control, tissue and stage specificity of superoxide dismutases in the silkworm (Bombyx mori). Cytobios, 100, 111-118. (IF 0.232)
4. **Stoykova T.,** Popov P., Grekov D. 1999. Electrophoretic analysis of nonspecific esterases in silkworm (Bombyx mori L.) male genital organs during ontogenesis. Sericologia, 39 (4), 515-523.
5. **Stoykova T.,** Tersieva P. 1998. Ontogenetic electrophoretic studies of the proteins in the hemolymph of mulberry silkworm (Bombyx mori L.). Acta Zoologica Bulgarica, 50 (2/3), 147-151.
6. **Stoykova T.** 2001. Electrophoretic analysis of nonspecific esterases in silkworm (Bombyx mori L.) fat body during ontogenesis. Sericologia, 41 (1), 1-13.
7. **Stoykova T**., Popov P., Dimitrov B. 2003. Electrophoretic analysis of non-specific haemolymph esterases during silkworm (Bombyx mori L.) ontogenesis, Sericologia, 43 (2), 153-162.
8. **Staykova T.,** Popov P., Grekov D., Terzieva P. 2004. Isoelectric focusing of the hemolymph proteins of silkworm (Bombyx mori L.). International Journal of Industrial Entomology, 8 (1), 117-121.
9. **Staykova T**., Grekov D., Panayotov M. 2004. Electrophoretic analysis of nonspecific esterases in silkworm (Bombyx mori L.) female genital organs and eggs. International Journal of Industrial Entomology, 9 (1), 59-63.
10. **Staykova T.,** Popov P., Terzieva P. 2004. Isoelectric focusing of the proteins from some silkworm (Bombyx mori L.) organs. Genetics and Breeding, 33 (1-2), 29-35.
11. **Staykova T**., Ivanova E., Velcheva I. 2005. Cytogenetic effect of heavy-metal and cyanide in contaminated waters from the region of southwest Bulgaria. Journal of Cell and Molecular Biology, 4, 41-46.
12. Ivanova E., **Staikova T**., Velcheva I. 2005. Cytogenetic testing of heavy metal and cyanide contaminated river waters in a mining region of Southwest Bulgaria. Journal of Cell and Molecular Biology, 4, 99-106.
13. Ivanova E., **Staykova T.,** Petrov P. 2006. Some preliminary data about genetic variability in

local Bulgarian honeybee Apis mellifera. International Apimondia Symposium "Selection and Queen Breeding", **1 – 3 September, 2006, Sofia, Bulgaria, 1-11.**

14. **Staykova** T.**,** Ivanova E. 2006. Ontogenetic studies of fat body proteins mulberry silkworm (Bombyx mori L.) from spinning stage to imago. Genetics and breeding, 35 (3-4), 51-57.
15. Ivanova E., **Staykova T.,** Bouga M. 2007. Allozyme variability in honey bee populations from some mountainous regions in the southwest of Bulgaria. Journal of Apicultural Research, 46 (1), 3-8. (IF 0.743)
16. **Staykova T**. 2007. Electrophoretic analysis of haemolymph proteins during silkworm (Bombyx mori L.) ontogenesis. International Journal of Industrial Entomology, 14 (1), 37-44.
17. Ivanova, E., **Staykova, T.** 2007. Stage specificity in the expression of proteins of honey bee fat body (Apis mellifera L.) in the course of ontogenesis. Journal of Cell and Molecular Biology, 6, 2, 129-135.
18. **Staykova T.** 2008. Genetically-determined polymorphism of nonspecific esterases and phosphoglucomutase in eight introduced breeds of the silkworm, Bombyx mori, raised in Bulgaria. 8pp. Journal of Insect Science 8:18, available online: insectscience.org/8.18. (IF 0.963)
19. Ivanova E., **Staykova T**., Velcheva I. 2008. Cytotoxicity and genotoxicity of heavy metal- and cyanide-contaminated waters in some regions for production and processing of ore in Bulgaria. Bulgarian Journal of Agricultural Science, 14 (2), 262-268.
20. Vasileva Y., Tzenov P., **Staykova T**. 2009. Study on productivity and genotype structure by several enzyme loci of silkworm (B. mori L.) parthenoclones obtained by thermal and combined (low-high temperature) method. International Journal of Industrial Entomology, 18 (2), 131-134.
21. **Staykova T**., E. Ivanova, P. Tzenov, Y. Vasileva, D. Arkova-Pantaleeva. 2009. Differentiation of silkworm (Bombyx mori L.) strains by isoenzime markers. Genetics and Breeding, 38 (1), 47-55.
22. Ivanova E., Ivgin-Tunka R., **Staykova T.** 2009. Genetic characterization of honey bee (Apis mellifera L.) populations from Bulgaria using allozymes. Genetics and Breeding, 38 (1), 67-74.
23. Ivanova E., **Staykova T**., Dhzambazov B. 2009. Cytotoxicity and genotoxicity of the cyanoprokaryote Nostoc microscopicum. Genetics and Breeding, 38 (1), 13-19.
24. Ivanova E., **Staykova T.,** Petrov P. 2010. Allozyme variability in populations of local Bulgarian honey bee. Biotechnology & Biotechnological Equipment. 24 (2), 379 – 384.
25. **Staykova T.,** E. Ivanova, G. Panayotova, I. Cvetkova, S. Dzhoglov and B. Dzhambazov, 2010. General toxicity and genotoxicity of Nodularia moravica (Cyanoprokaryota, Nostocales). Biotechnology & Biotechnological Equipment. 24 (2), 397 – 400.
26. **Staykova T. A**., E. N. Ivanova, P. I. Tzenov, Y. B. Vasileva, D. B. Arkova-Pantaleeva and Z. M. Petkov, 2010. Acid phosphatase as a marker for differentiation of silkworm (Bombyx mori) strains. Biotechnology & Biotechnological Equipment, 24 (2), 371 – 374.
27. **Staykova T**., E. Ivanova, D. Grekov, P. Petrov, P. Tzenov, Y. Vasileva, Z. Petkov, D.

Arkova-Pantaleeva. 2010. Development of a specialized center for scientific, training and diagnostic work for the needs of apidology and sericology in Bulgaria. Advances in Bulgarian Science, 63-67.

28. **Staykova T.,** E. Ivanova. 2011. Concerning genetic variability and usable isozyme markers for characterization of A. mellifera L. populations and B. mori L. breeds in Bulgaria. Advances in Bulgarian Science, 20-28.
29. **Staykova T**., Ivanova E., Grekov, D., Avramova K. 2012. Genetic variability in silkworm (Bombyx mori L.) strains with different origin. Acta Zoologica Bulgarica, Suppl. 4, 87-92. (IF 0.309)
30. Ivanova E., **T. Staykova**, I. Stoyanov, P. Petrov. 2012. Allozyme genetic polymorphism in Bulgarian honey bee (Apis mellifera L.) populations from the south-eastern part of the Rhodopes. Journal of BioScience and Biotechnology, 1 (1), 45–49.
31. Ivanova E., Bienkowska M., Panasiuk B., Wilde J., **Staykova T**., Stoyanov I. 2012. Allozyme variability in populations of A. Mellifera Mellifera (Linnaeus 1758.), A. M. Carnica (Pollman, 1879) and A. M. Caucasica (Gorbachev, 1916) from Poland. Acta Zoologica Bulgarica, Suppl. 4, 79-86. (IF 0.309)
32. Ivanova E., Bouga M., **Staykova T**., Mladenovic M., Rasic S., Charistos L., Hatjina F., Petrov P. 2012. The genetic variability of honey bees from the Southern Balkan Peninsula, based on alloenzymic data. Journal of Apicultural Research, 51 (4), 329-335. DOI 10.3896/IBRA.1.51.4.06 (IF 1.926)
33. **Staykova T.**, P. Popov, E. Ivanova. 2012. Breed specific expression of gut silkworm (Bombyx mori L.) nonspecific esterases. Journal of BioScience and Biotechnology, 1 (1), 27–31.
34. **Staykova T.** 2013. Inter- and intra-population genetic variability of introduced silkworm (Bombyx mori L.) strains raised in Bulgaria. Journal of Bioscience and Biotechnology, 2 (1), 73-77.
35. **Staykova T**., Ivanova E., Tzenov P., Vasileva Y., Arkova-Pantaleeva D., Grekov, D., Avramova K. 2015. Genetic analysis of isoenzymes polymorphism in silkworm (Bombyx mori L.) strains and phylogenetic relationships. Acta Zoologica Bulgarica, 67 (1), 117-125. (IF 0.31)
36. Stoyanov I., **Staykova T.,** Stojanova A., Vasileva P., Ivanova E. 2015. Isoenzymic genetic variability in populations of Messor structor, (Hymenoptera, Formicidae) from Bulgaria, Acta Zoologica Bulgarica, 67 (3), 337-344 (IF 0.31)
37. Stoyanov I., Ivanova E., Vasileva P., **Staykova T.** 2015. Soluble proteins in Messor structor (Latreille, 1798) (Hymenoptera: Formicidae) populations from Bulgaria – genetic variability and possible usage as population-genetic markers. ZooNotes, 72: 1-9.
38. **Staykova T.,** Grekov D., Evangelou V., Emmanouil N., Bouga M. 2016. Genetic varyability of the silkworm, Bombyx mori (Lepidoptera: Bombicidae) from different geographical origin, based on mtDNA gene segment sequencing analysis. Acta Zoologica Bulgarica, 68 (4), 589-595 (IF 0.413)
39. Stoyanov I., **Staykova T.,** Vasileva P., Ivanova E. 2017. Genetic variability in populations of

Messor barbarus (Hymenoptera, Formicidae) from Bulgaria based on isoenzyme analysis. Acta Zoologica Bulgarica, Supl (8), 31-35 (IF 0.413)

40. Georgieva V., Petrov P., **Staykova T.,** Lazarov S., Stoyanov I., Ivanova E. 2017 Genetic comparison between local Apis mellifera macedonica, selectively reared for production of bee queens and swarms in Bulgaria and honey bee colonies with indicative hygienic behaviour. Acta Zoologica Bulgarica, Supl (8), 25-29 (IF 0.413)
41. Antov M., Stoyanov I., Stojanova A., **Staykova T.** 2017. Genetic variability of Eupelmus species (Hymenoptera: Eupelmidae) based on allozyme markers. Acta Zoologica Bulgarica, Supl (8), 17-23 (IF 0.413).
42. Antov M., Stoyanov I., Stojanova A., **Staykova T.** 2017. Allozyme variability in three Eupelmus species (Hymenoptera: Eupelmidae) from Bulgaria. North-Western Journal of Zoology, 13 (2), 220-226 (IF 0.733).

International conferences

43. **Stoykova T.,** Popov P., Grekov D. 1997. Protein polymorphism in the hemolymph of silkworm (Bombyx *mori* L) larvae. International Conference of Silk as Agricultural Industry (ICSAI), Cairo University, Cairo, Egypt, 8 - 12 March, 149-158.
44. **Stoykova T.,** Tersieva P. 1998. Ontogenetic electrophoretic study on hemolymph proteins of silkworm (*Bombyx mori* L.). International Conference of Biodiversity and ecological problems of Balkan fauna, 26-29 May, Institute of Zoology – BAS, Sofia, Bulgaria, Abstracts, 114.
45. **Staykova T.** 2006. Genetic control of phosphoglucomutase in mulberry silkworm (*Bombyx mori* L.). Abstracts of the reports, presented at the International Jubilee Scientific Conference "Problems of maintenance and utilization of mulberry and silkworm genetic resources", September 25 – 29, 2006, Vratza, Bulgaria, 197-199, (доклад).
46. Tunka, R., **Staykova, T.,** Ivanova, E., Kence, M., Grekov, D. Differentiation of silkworm, Bombyx mori strains measured by RAPD analyses. Proceedings of the International conference "Sericulture challenges in the 21st Century & the 3rd BACSA meeting, 18-21 september, 2007, Vratza, Bulgaria, 247 – 251.
47. Ivanova, E., **Staykova, T**., Petrov, P. ALP as population-genetic markers for Apis mellifera. // Science, education and time as our concern, 2007, III, 23-26.
48. Grekov D., **Staykova T.** 2008. Some biological, technological and biochemical-genetic characteristics of mulberry silkworm (Bombyx mori L,) lines established through insertional mutagenesis. Proceedings of XXIst Congress of the International Sericultural Commission, 3d - 6th November 2008, Athens-Greece, 96-99.
49. **Staykova T. A**., P. I. Tzenov, Y. B. Vasileva, D. B. Arkova-Pantaleeva, D. Grekov and K. Avramova. 2011. Phylogenetic differentiation of silkworm (Bombyx mori L.) strains with different origin, rased in Bulgaria. Proceedings of 5th BACSA International Conference "SERICULTURE FOR MULTI PRODUCTS – NEW PROSPECTS FOR DEVELOPMENT"

SERIPRODEV, April 11th – 15th 2011, Bucharest, Romania, 102-108.

50. **Staykova T.,** P. Tzenov, Y. Vasileva, D. Arkova-Pantaleeva, D. Grekov, K. Avramova. 2013. Passport data of six Bulgarian strains of silkworm Bombyx mori L. on the base of population genetic parameters. 6th BACSA INTERNATIONAL CONFERENCE "Building Value Chains in Sericulture""BISERICA" 2013, Padua, Italy, April 7th – 12th 2013, 246-253.

Textbooks

51. Ivanova E., **Staykova T**., Irikova T. 2001. Human Genetics (with elements of General Genetics), Publishing house of Plovdiv University "Paisii Hilendarski", 2001, pp. 206.
52. Ivanova E., **Staykova T**., Irikova T. 2002. Handbook of Genetics, Publishing house of Plovdiv University "Paisii Hilendarski", 2002, pp.90.
53. Grekov D., Arnaudova K., **Staykova T**. 2005. Book for teacher of silkworm breeding, Publisher LAX advertising, 2005, pp. 99.
54. Ivanova, E., **Staykova T**., Andreenko E. Genetics with Biological bases of behavior and Psyhogenetics. Publishing house of Plovdiv University "Paisii Hilendarski", 2011, pp. 380.
55. Ivanova, E., **Staykova T**., Andreenko E., Vasileva P., Kalaidjieva V., Stoyanov I., Djoglov S., Doncheva V., Panajotova G., Tzvetkova I. Genetic bases of behavior. Publishing house of Plovdiv University "Paisii Hilendarski", 2011, pp. 237.