PERSONAL INFORMATION

EVGENIYA NESHOVS IVANOVA

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https://uni-plovdiv.bg and https://bio.uni-plovdiv.bg

POSITION HELD AND RESEARCH FIELD

Professor in Genetics

WORK EXPERIENCE

from 2015

Professor, Head of Department "Developmental Biology"

Plovdiv University „Paisii Hilendarski" Biological faculty

Responsibilities related to the coordination of administrative, teaching and research activities at the Department of "Developmental Biolog"

from 2012 to 2016

Professor, Director of the University Branch – Smolyian

Plovdiv University „Paisii Hilendarski", University Branch – Smolyian

Responsibilities related to the management of administrative, teaching and research activities in university branch of Plovdiv University " in the city Smolyan
Lecturer in General genetics and Genetics of behavior

from 2012

Professor in Genetics

Plovdiv University „Paisii Hilendarski"

Lecturer in General Genetics, Medical Genetics, Biological bases of behavior and genetics

Coordinator of the Master's program "Genetics"

Coordinator of the Master program "Biology and developmental psychology"

Lecturer in Master degree of Human Genetics, Genetics of behaviour, Principles of genetic counseling, genetic diagnostics

from 2006 to 2012

Associate professor in Genetics

Plovdiv University „Paisii Hilendarski"

Lecturer in General Genetics, Medical Genetics, Biological bases of behavior and

genetics

Coordinator of the Master's program "Genetics"

from 1988 to 2006

Assistant Professor, Senior Assistant Professor, Head Assistant Professor in Genetics

Plovdiv University „Paisii Hilendarski”

Lecturer in General Genetics, Leader of exercises of General Genetics

from February 2017

Doctor of Sciences

from 1996

PhD in Genetics (01.06.06)

Plovdiv University „Paisii Hilendarski”

Въведете ниво от ЕКР, ако е приложимо

from 1982

Master in Biology

Plovdiv University „Paisii Hilendarski”

Въведете ниво от ЕКР, ако е приложимо

EDUCATION AND TRAINING

PERSONAL SKILLS

Mother tongue(s): Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Replace with name of language certificate. Enter level if known.					
Russian	C1	C2	B2	B2	B2
Replace with name of language certificate. Enter level if known.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

- Leadership of an educational institution (an university branch), leadership of the Department, leadership of Master's programs, management of research teams working on research projects (including Infrastructural); Member of management Committee of the COST program, work in Board of National Bee Breeding Association;
- Coordination of accreditation activities of fields and specialties;
- Develop curricula for degree "Bachelor" and "Master";
- Organizing national and international scientific forums

Job-related skills

- Lab skills in microscopy, electrophoresis, various methods of population-genetic analysis, cytogenetic methods for analysis of cyto- and genotoxicity

Other skills

-

ADDITIONAL INFORMATION

Publications
Projects
Conferences
Seminars
Honours and awards
Memberships
Courses
Certifications

Member of 22 project teams, leader of 9 of them
Participation in more than 40 international and national conferences and congresses

Union of Scientists of Bulgaria (SUB); Member of the European Association for Bee Research; Member of the Board of the National Bee Breeding Association; Member of the Research Network for Sustainable Bee Breeding (RNSBB) – http://www.beebreeding.net/

PUBLICATIONS

Publications – 111 (to January 2017)
Textbooks for students – 5
Citations – 255 (to January 2017)
IF – 22. 495
h-index – 9

LIST

of selected publications of Prof. Evgenia Ivanova Neshova, PhD

Basic For the period 2007 – 2016

1. Georgieva V. H., Petrov P.P., Petkov N. G., **Ivanova E. N.** 2016. Genetic analysis of *Apis mellifera macedonica* (type *rodopica*) populations selectively reared for purposive production of honey bee queens in Bulgaria. Journal of BioScience and Biotechnology. 5 (1), 79-85.
2. Georgieva V. H., **Ivanova E. N.**, Petrov P.P., Petkov N. G., 2016. Genetic characterization of *Apis mellifera macedonica* (type "*rodopica"*) populations selectively controlled in Bulgaria. Journal of Central European Agriculture – in press (наличие на официално потвърдително писмо)
3. Panayotova G. K., Chengeliyska V. D., **Ivanova E. N.** 2016. Biosocial characteristics of patients with paranoid schizophrenia. Journal of BioScience and Biotechnology. 5 (1): 111-116.
4. Dzhoglov S. D., **Ivanova E. N.** 2016. Study on biological and environmental factors for azoospermia. Journal of BioScience and Biotechnology. 5 (2) in press
5. Staykova T., **Ivanova E.**, Tzenov P., Vasileva Y.,Arkova-Pantaleeva D., Dimitar Grekov D., Avramova K. (2015) Genetic Analysis of Isoenzyme Polymorphism in Silkworm (*Bombyx mori* L.) (Lepidoptera: Bombycidae) Strains and Phylogenetic Relationships. Acta zool. bulg. 67 (1): 117-125. IF – 0.532.
6. Stoyanov I., Staykova T., Stojanova A., Vasileva P., **Ivanova E**. (2015) Isoenzymic Genetic Variability in Populations of Messor structor (Hymenoptera, Formocidae) from Bulgaria. Acta zool bulg. 67 (3): 337-344. IF – 0.532.
7. Peševa V., Stoyanov I., Andjelkovic B., Mladenović :M., Georgieva V., **Ivanova E**. (2015) Allozyme Genetic analysis of selectively reared in Kosovo Apis mellifera carnica lines. Acta zool bulg. 67 (4): 567-572. IF – 0.532.
8. Nikolova S., Bienkowska M., Gerula D., **Ivanova E**. (2015) Microsatellite DNA polymorphism in selectively controlled *D. m. carnica* and *A. m. caucasica* populations from Poland. Archives of Biological Sciences. – OnLine-First (00) DOI: 10.2298/ABS141102048N. IF – 0.718
9. Meixner M., Büchler1 R., Costa C., Andonov S., Bienkowska M., BougaM., Janja Filipi, Hatjina F., **Ivanova E.**, Kezic N., Kryger P., Le Conte Y., Panasiuk B., Petrov P., Lauri Ruottinen, Uzunov A., and Wilde J. (2015) Looking for "the Best Bee" An experiment about interactions between origin and environment of honey bee strains in Europe. American Bee Journal. 155 (6), 663 – 666. IF – 0.042.
10. **Ivanova E.** (2015) Additional information concerning allozyme variability of Bulgarian honey bees. Acta zool bulg. 67 (4) 573-578. IF – 0.532.
11. 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. www.zoonotes.bio.uni-plovdiv.bg ISSN 1313-9916
12. Uzunov A., Meixner M., Kiprijanovska H., Andonov S., Gregorc A., **Ivanova E.**, Bouga M., Dobi P., Büchler R., Francis R. and 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 (2014) © IBRA 2014 DOI 10.3896/IBRA.1.53.2.10 IF – 1.926
13. Francis R. M., Kryger P., Meixner M., Bouga M., **Ivanova E.**, Andonov S., Berg S., BienkowskaM., Büchler R., Charistos L., Costa C., Dyrba W., Hatjina F., Panasiuk B., Pechhacker H., Kezić N., Korpela S., Le Conte Y. , Uzunov A. and 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 (2014) © IBRA 2014 DOI 10.3896/IBRA.1.53.2.02 IF – 1.926

14. Meixner M., Francis R., Gajda A., Kryger P., Andonov S., Uzunov A., Topolska G., Costa C., Amiri E., Berg S., Bienkowska M., BougaM., Büchler1 R., Dyrba W., Gurgulova K., Hatjina F., **Ivanova E.**, Janes M., Kezic N., Korpela S., Le Conte Y., Panasiuk B., Pechhacker H., Tsoktouridis G., Vaccari G. and 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 (2014) © IBRA 2014 DOI 10.3896/IBRA.1.53.2.04 IF – 1.926
15. 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.** and 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 (2014) © IBRA 2014 DOI 10.3896/IBRA.1.53.2.06 IF – 1.926
16. 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. and 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 (2014) © IBRA 2014 DOI 10.3896/IBRA.1.53.2.14 IF – 1.926
17. Hatjina F., Bieńkowska M., Charistos L., Chlebo R., Costa C., Dražić M., Filipi J., Gregorc A., **Ivanova E.**, Kezić N., Kopernicky J., Kryger P., Lodesani M., Lokar V., Mladenovic M., Panasiuk B., Petrov P., Rašić S., Smodis Sker M., Vejsnæs F. and Wilde J. (2014) A review of methods used in some European countries for assessing the quality of honey bee queens through their physical characters and the performance of their colonies. Journal of Apicultural Research 53(3): 337-363 (2014) © IBRA 2014 DOI 10.3896/IBRA.1.53.3.02 IF – 1.926
18. Meixner M., Pinto M. A., Bouga M., Kryger P., **Ivanova E.** and Fuchs S. (2013) Standard methods for characterising subspecies and ecotypes of *Apis mellifera*. Journal of Apicultural Research 52(4): (2013) © IBRA 2013 DOI 10.3896/IBRA.1.52.4.05 IF – 1.926
19. Costa C., Büchler R., Berg S., Bienkowska M., Bouga M., Bubalo D., Charistos L., Conte Y. L., Drazic M., Dyrba W., Fillipi J., Hatjina F., **Ivanova E.**, Kezic N., Kiprjanovska H., Kokinis M., Korpela S., Kryger P., Lodesani, M., Meixner M., Panasiuk B., Pechhacker H., Petrov P., Oliveri E., Ruottinen L., Uzunov A., Vaccari G., Wilde J. (2012) A europe-wide experiment for assessing the impact of genotype-environment interactions on the vitality of honey bee colonies: methodology. Journal of Apicultural Science. 56 (1), 147-158. DOI: 10.2478/v10289-012-0015-9. IF 0.674.
20. **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 1.531.
21. **Ivanova E.**, Bienkowska M.,Panasiuk B., Wilde J., Staykova T., Stoyanov I. (2012) Allozyme Variability in Populations of Apis mellifera mellifera, (Linnaeus 1758.), *A. m. carnica* (Pollman, 1879) and *A. m. caucasica* (Gorbachev, 1916) from Poland. Acta zoologica Bulgarica, 4: 79-86.
22. Staykova T., **Ivanova E.**, Grekov D., Avramova K. (2012) Genetic Variability in Silkworm (Bombyx moriL.) Strains with Different Origin. Acta zoologica Bulgarica, 4, 87-92. 0.269
23. Nikolova S.N., **Ivanova E. N.** Genetic variability in a local Bulgarian honey bee population. // Acta Zoologica Bulgarica, 2012, 64 (1), 199 – 204. IF 0.269

24. Bouga, M., Alaux, C., Bienkowska, M., Büchler, R., Carreck, N., Cauia, E., Chlebo, R., Dahle, B., Dall'Olio, R., De la Rúa, P., Gregorc, A., **Ivanova, E.**, Kence, A., Kence, M., Kezic, N., Kiprijanovska, H., Kozmus, P., Kryger, P., Le Conte, Y., Lodesani, M., Murilhas, A., M., Siceanu, A., Soland, G., Uzunov, A., Wilde, J. A review of methods for discrimination of honey bee populations as applied to European beekeeping (Review article). // Journal of Apicultural Research, 2011, 50(1), 51-84. DOI 10.3896/IBRA.1.50.1.06. IF 1.028
25. **Ivanova, E.** N., Bienkowska, M., Petrov, P. P. Allozyme Polymorphism and Phylogenetic Relationships in *Apis mellifera* Subspecies Selectively Reared in Poland and Bulgaria. // Folia biologica (Kraków), 2011, 59 (3-4). doi:10.3409/fb59_3-4.09-13. Impact factor: 0.761.
26. **Ivanova, E.**, Petrov, P. Regional differences in honey bee winter losses in Bulgaria during the period 2006-9. // Journal of Apicultural Research, 2010, 49 (1), 102-103. DOI: 10.3896/IBRA.1.49.1.17. IF 1.028
27. Meixner, M., Costa, C., Kryger, P., Hatjina, F., Bouga, M., **Ivanova, E.**, Büchler, R. Conserving diversity and vitality for honey bee breeding. // Journal of Apicultural Research, 2010, 49 (1), 85-92. DOI 10.3896/IBRA.1.49.1.12. IF 1.028
28. **Ivanova, E.**, Petrov, P., Bouga. M., Emmanouel, N., Ivgin-Tunka, R., Kence M. Genetic Variation In Honey Bee (*Apis mellifera* L.) Populations From Bulgaria. // Journal of Apicultural Science, 2010, 54 (2), 49-60. IF 0.489
29. **Ivanova, E.**, Staykova, T., Bouga, M. Allozyme variability in honey bee populations from some mountainous regions in southwest of Bulgaria. // Journal of Apicultural Research, 2007, 46, (1), 3-8. IF 0.743
30. **Ivanova, E.**, Staykova, T. 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, 2007, 6, 2, 129-135. SJR – 0.03
31. **Ivanova, E.** Elektrophoretische Untersuchungen zur Organspezifitдt der wasserloslichen Proteine in der Ontogenese von Drohnen (*Apis mellifera* L.). // Apidologie, 2000, 31, 671-677. IF 1.43
32. **Ivanova, E.**, Popov, P., Dobrovolov, I. Elektrophoretische Untersuchungen der wasserlцslichen Proteine bei der Honigbiene *Apis mellifera* L. im Verlauf der Ontogenese. // Apidologie, 2000, 31, 679-687. IF 1.43
33. **Ivanova, E.**, Popov, P. Untersuchungen uber Isoformen der LDH bei *Apis mellifera* L. im Verlauf der Ontogenese.// Apidologie, 1997, 28, 17-24. IF 0.791

Other selected publications for the period until 2012

34. **Ivanova, E.**, Popov, P. Untersuchungen uber Isoformen der LDH bei *Apis mellifera* L. im Verlauf der Ontogenese.// Apidologie, 1997, 28, 17-24. IF 0.791
35. **Ivanova, E.** Electrophoretic studies on NAD P-dependent malate dehydrogenases (ME) during ontogenesis of *Apis mellifera* L. in Bulgaria. // Acta Zoologica Bulgarika, 1998, 50, 2/3, 141-146.
36. **Ivanova, E.**, Popov, P., Dobrovolov, I. Dynamics in the expression during ontogenesis of NAD-dependent MDH in *Apis mellifera* L. in Bulgaria. // Acta Zoologica Bulgarika, 1998, 50, 2/3, 133-139.
37. Staykova, T., **Ivanova E.** Ontogenetic studies of fat body proteins mulberry silkworm (*Bombyx mori* L.) from spinning stage to imago. // Genetics and Breeding, 2006, 35, 3-4, 51-57.
38. 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.
39. **Ivanova, E.**, Staykova, T., Velcheva, I. 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, 2008, 14 (2), 262-268.

40. **Ivanova, E.**, Petrov, P. La Bulgarie La diversite, l'apiculture et la vitalite – la situation actuelle des abeilles bulgares. // Bulletin Technique Apicole, 2009, 146, 36 (2), 67. ISSN 0335 3710.
41. Staykova, T., **Ivanova, E.**, Tzenov, P., Vasileva, Y., Arkova-Pantaleeva, D. Differentiation of silkworm (*Bombyx mori* L.) strains by isoenzime markers. // Genetics and Breeding, 2009, 38 (1), 47-55.
42. **Ivanova, E.**, Staykova, T., Dhzambazov, B. Cytotoxicity and genotoxicity of the cyanoprokaryote *Nostoc microscopicum*. // Genetics and Breeding, 2009,38 (1), 13-19.
43. Staykova, T., **Ivanova, E.**, Tzenov, P., Vasileva, Y., Arkova-Pantaleeva, D., Petkov, Z. Acid phosphatase as a marker for differentiation of silkworm (*Bombyx mori*) strains. // Biotechnology & Biotechnological Equipment, 2010, 24 (2), 379 – 384.
44. **Ivanova, E.** Investigation on genetic variability in honeybee populations from Bulgaria, Greece and Serbia. // Biotechnology & Biotechnological Equipment, 2010, 24 (2), 385–389. Staykova, S., **Ivanova, E.**, Panayotova, G., Cvetkova, I., Dzhoglov, S., Dzhambazov, B. General toxicity and genotoxicity of *Nodularia moravica* (*Cyanoprokaryota, Nostocales*). // Biotechnology & Biotechnological Equipment, 2010, 24 (2), 397 – 400.
45. Staykova, T., **Ivanova, E.**, Grekov, D., Petrov, P., Tzenov, P., Vasileva, Y., Petkov, Z., Arkova-Pantaleeva, D. Development of a specialized center for scientific, training and diagnostic work for the needs of Apidology and Sericology in Bulgaria. // Advances in Bulgarian Science – Annual, 2010, 1, 63-67.
46. Staykova, T., **Ivanova, E.** 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, 2011, 20-28.
47. **Иванова, Е.,** Николова, С. Създаване на банка с ДНК образци от популации *Apis mellifera*, обитаващи територията на България. // Пловдивски университет „Паисий Хилендарски" Юбилеен сборник, Биологически науки за по-добро бъдеще, 2012, 77 – 88.
48. Staykova, T., Popov, P., **Ivanova, E.**, Breed specific expression of gut silkworm (*Bombyx mori* L.) nonspecific esterases. // Journal of BioScience and Biotechnology, 2012, 1 (1), 27–31.
49. **Ivanova, E.**, Ivgin-Tunka, R., Staykova, T. Genetic characterization of honey bee (*Apis mellifera* L.) populations from Bulgaria using allozymes. // Genetics and Breeding, 2009, 38 (1), 67-74.
50. Petrov, P., **Ivanova, E.**, Morpho-ethological and biochemical-genetic characteristics of the local Bulgarian honey bee Apis mellifera rodopica. // Proceedings of the 41st Congress Apimondia, 15-20 September, 2009, Montpelier – France.
51. **Ivanova, E.**, Staykova, T., Petrov, P. Allozyme variability in populations of local Bulgarian honey bee. // Biotechnology & Biotechnological Equipment, 2010, 24 (2), 371 – 374.