EUROPEAN CURRICULUM VITAE FORMAT

PERSONAL INFORMATION

Name	**EVGENIYA NESHOVA IVANOVA**
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Nationality	Bulgarian
Date of birth	1961

WORK EXPERIENCE

• Dates (from – to) • Name and address of employer	from 1988 to the present – University of Plovdiv "Paisii Hilendarski" 1983 – 1988 – Teacher of Biology, Yambol, Yambol District, Bulgaria
• Type of business or sector • Occupation or position held • Main activities and responsibilities	**From 2015 to the present - 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 Biology" **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 behaviour **From 2012 to the present - 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 t0 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

EDUCATION AND TRAINING

• Dates (from – to) • Name and type of organization providing education and training • Principal subjects/occupational skills covered • Title of qualification awarded • Level in national classification (if appropriate)	2017 **Doctor of Science** (DSc.) in the Higher Education Area: 4. Natural Sciences, Mathematics and Informatics; professional field: 4.3. Biological sciences; Scientific specialty: **Genetics** 1996 Educational and scientific degree "**Doctor" (PhD)** code 01.06.06. **Genetics** 1979 -1983 - Biology, Faculty of Biology, University of Plovdiv "Paisii Hilendarski" **Master of Biology**
SPECIALIZATIONS	2008 Specialization in Genetics at Agricultural University, Athens, Greece 2006 Specialization in Honey Bee Genetics, Midlle East Technical University, Ankara, Turkey 2003 Specialization in Honey Bee Genetics, Midlle East Technical University, Ankara, Turkey 2001 Specialization in Honey Bees Genetics - Institute of Honey Bee Science, Goethe University, Frankfurt, Germany

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

NATIVE LANGUAGE **Bulgarian**

OTHER LANGUAGES

	[RUSSIAN]	[ENGLISH]
• Reading skills	Very good	Very good
• Writing skills	Very good	Very good
• Verbal skills	Very good	Very 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..

ОРГАНИЗАЦИОННИ УМЕНИЯ И КОМПЕТЕНЦИИ

Координация, управление и адмистрация на хора, проекти и бюджети в професионалната среда или в областта на културата и спорта) у дома и др.

- 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

ТЕХНИЧЕСКИ УМЕНИЯ И КОМПЕТЕНЦИИ

Работа с компютри, със специфично оборудване и др.

Lab skills in microscopy, electrophoresis, various methods of population-genetic analysis, cytogenetic methods for analysis of cyto- and genotoxicity Various techniques of electrophoresis, microscopy, photography.
Working with Windows; MS Office - Word, Excel, Power Point and specialized software for genetic analysis.

ARTISTIC SKILLS AND COMPETENCES

Music, writing, design and more.

Writing - poetry, prose

DRIVING LICENCE(S) YES

ADDITIONAL INFORMATION	**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/ Member of the Editorial Board of the Ecologia Balkanika Journal Over 50 participations in international and national scientific forums
PROFESSIONAL AREAS	Genetics, Population Genetics, Ontogenetics, Environmental Genetics, Behaviour Genetics
PUBLICATION ACTIVITY	Author and co-author of more than 100 scientific publications (December, 2018). Author and co-author of 5 books on genetics for students and 5 electronic lecture courses. Over 400 citations in global databases, H index 11 (Scopus data, December 2018)
SCIENTIFIC LEADERSHIP	Scientific supervisor of 27 highly-qualified graduates Scientific supervisor of 5 PhD students (3 successfully defended)
PROJECTS	Member of the scientific team of 23 projects, head of 10 of them;

APPLICATIONS

I. Textbooks and teaching materials. Electronic lecture courses

1. Ivanova, E.N., Staykova T, Andreenko E. (2011) Genetics with biological bases of behavior and psychogenesis. University Press "Paisii Hilendarski". Plovdiv, 380. (in Bulgarian)
2. Ivanova, E.N., Staykova, T., Andrenenko, E., Vassileva, P., Kalaidzhieva, V., Stoyanov, I., Joglov, S., Doncheva, V., Panayotova, G., Tsvetkova , I. (2011) Genetic Basics of Behaviour. University Press "Paisii Hilendarski". Plovdiv, 237.
3. Ivanova E.H. Genetics in questions and answers. Plovdiv University Publishing House. Plovdiv, 286. (in Bulgarian)
4. Ivanova E.N., Staikova T.A., Irikova T.P. (2002) Guide to Exercises in Genetics. Plovdiv University Publishing House. Plovdiv, 90. (in Bulgarian)
5. Ivanova E.N., Staykova T.A., Irikova T.P. (2001) Human Genetics with Elements of General Genetics. Plovdiv University Publishing House. Plovdiv, 206. (in Bulgarian)

6. Ivanova E.H. (2014) Behavioral genetics - theoretical provisions I and II part. Electronic course in two resources. Plovdiv Electronic University. (in Bulgarian)
7. Ivanova E.H. (2014) Human genetics with basics of medical-genetic counseling - theoretical formulations. Electronic course in two resources. Plovdiv Electronic University. (in Bulgarian)
8. Ivanova E.H. (2014) Biological foundations of behavior and genetics - theoretical statements. Electronic course in two resources. Plovdiv Electronic University. (in Bulgarian)
9. Ivanova E.H. (2014) General Genetics - theoretical formulations. Electronic course in two resources. Plovdiv Electronic University. (in Bulgarian)
10. Ivanova E.H. (2014) Medical Genetics - theoretical formulations. Electronic course in two resources. Plovdiv Electronic University. (in Bulgarian)

II. Scientific monographs and other books

Ivanova NP (2018) Population-genetic wealth of the Bulgarian honey bee and the history of a 25-year scientific journey. University Press "Paisii Hilendarski". Plovdiv, 370. (in Bulgarian)

Pendzhekova-Hristeva R., Ivanova E.N. (2016) The Territory of Spirit (Documentary Traces for the Establishment of a University in Plovdiv) University Publishing House "Paisii Hilendarski", 40. (in Bulgarian)

Ivanova E.H. (2001) In a sky, lighter than white clouds. Poems. Ecobelan - Asenovgrad. ISBN - 954-8781-31-X. (in Bulgarian)

III. Scientific publications

III.1. Genetic studies of Apis mellifera L.

1. Lazarov S., Stoyanov I., Georgieva V., Zhelyazkova I., **Ivanova E. N.** (2018) Allozyme genetic characterization of *Apis mellifera* (Hymenoptera: Apidae) colonies from Bulgaria with different hygienic behavior. Journal of Central European Agriculture, in press. SJR – 0.161
2. 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.
3. 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. 17 (3), 620-628. SJR – 0.212
4. 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 Zoologica Bulgarica. 67, 4567-572. IF – 0.532.
5. 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. 67 (3), 889-894. DOI: 10.2298/ABS141102048N. IF – 0.718.
6. Meixner M., Büchler1 R., Costa C., Andonov S., Bienkowska M., BougaM., Filipi J., Hatjina F., **Ivanova E.**, Kezic N., Kryger P., Le Conte Y., Panasiuk B., Petrov P., LauriRuottinen, 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.
7. **Ivanova E.** (2015) Additional information concerning allozyme variability of Bulgarian honey bees. Acta Zoologica Bulgarica. 67 (4), 573-578. IF – 0.532.
8. Uzunov A., Meixner M., Kiprijanovska H., Andonov S., Gregorc A., **Ivanova E.**, Bouga M., Dobi P., Büchler R., Francis R., KrygerP. (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.
9. Francis R. M., 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., 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 2014DOI 10.3896/IBRA.1.53.2.02. IF – 1.926.
10. 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.
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 (2014) © IBRA 2014 DOI 10.3896/IBRA.1.53.2.06 IF – 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. 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.
13. 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 2014DOI 10.3896/IBRA.1.53.3.02. IF – 1.926.
14. Meixner M., Pinto M. A., Bouga M., Kryger P., **Ivanova E**., Fuchs S. (2013) Standard methods for characterizing subspecies and ecotypes of *Apis mellifera*. Journal of Apicultural Research. 52(4), 27 (2013) © IBRA 2013 DOI 10.3896/IBRA.1.52.4.05. IF – 1.926.
15. Nikolova S.N., **Ivanova E.N**. (2012) Genetic variability in a local Bulgarian honey bee population. Acta Zoologica Bulgarica. 64 (1), 199 – 204. IF – 0.269.

16. **Ivanova E.**, Nikolova S. (2012) Creation of a bank with DNA samples from populations of Apis mellifera, inhabiting the territory of Bulgaria. Plovdiv University "Paisii Hilendarski". Jubilee collection "Biological Sciences for a Better Future". 77 - 88. (in Bulgarian)
17. **Ivanova E.**, Staykova T., Stoyanov I., Petrov P. (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.
18. **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.
19. **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. IF – 0.309.
20. **Ivanova E. N.**, Bienkowska M., Petrov,P. P. (2011) Allozyme Polymorphism and Phylogenetic Relationships in *Apis mellifera* Subspecies Selectively Reared in Poland and Bulgaria. Folia biologica (Kraków). 59 (3-4). doi:10.3409/fb59_3-4.09-13. IF – 0.761.
21. Staykova T., **Ivanova E**. (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.
22. 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. (2011) A review of methods for discrimination of honey bee populations as applied to European beekeeping (Review article). Journal of Apicultural Research. 50 (1), 51-84. DOI 10.3896/IBRA.1.50.1.06. IF – 1.028.
23. **Ivanova E.**, Petrov P. (2010) Regional differences in honey bee winter losses in Bulgaria during the period 2006-9. Journal of Apicultural Research. 49 (1), 102-103.DOI: 10.3896/IBRA.1.49.1.17. IF – 1.028.
24. Meixner M., Costa C., Kryger P., Hatjina F., Bouga M., **Ivanova E.**, Büchler R. (2010) Conserving diversity and vitality for honey bee breeding. Journal of Apicultural Research. 49 (1), 85-92. DOI 10.3896/IBRA.1.49.1.12. IF – 1.028.
25. **Ivanova E.**, Petrov P., Bouga M., Emmanouel N., Ivgin-Tunka R., Kence M. (2010) Genetic Variation In Honey Bee (*Apis mellifera* L.) Populations From Bulgaria. Journal of Apicultural Science. 54 (2), 49-60. IF – 0.489.
26. **Ivanova E**. (2010) Investigation on genetic variability in honeybee populations from Bulgaria, Greece and Serbia. Biotechnology & Biotechnological Equipment. 24 (2), 385–389.
27. **Ivanova E.**, Staykova T., Petrov P. (2010) Allozyme variability in populations of local Bulgarian honey bee. Biotechnology & Biotechnological Equipment. 24 (2), 371 – 374.
28. Staykova T., **Ivanova E.**, Grekov D., Petrov P., Tzenov P., Vasileva Y., Petkov Z., Arkova-Pantaleeva D. (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 (1), 63-67.
29. **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.
36. Petrov P., **Ivanova E.** (2009) 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.
37. **Ivanova E.**, Bouga M. (2009) Genetic variability in honey bee population from Northern Bulgaria. Proceedings of the 41st Congress Apimondia, 15-20 September, 2009, Montpelier – France.
38. **Ivanova E.**, Petrov P. (2009) La Bulgarie La diversite, l'apiculture et la vitalite – la situation actuelle des abeilles bulgares. Bulletin Technique Apicole. 146, 36 (2), 67. ISSN 0335 3710.
30. **Ivanova E.**, Staykova T., Bouga M. (2007) Allozyme variability in honey bee populations from some mountainous regions in southwest of Bulgaria. Journal of Apicultural Research. 46 (1), 3-8. IF – 0.743
31. **Ivanova E.**, Staykova T. (2007) Stagespecificity 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. SJR – 0.03
32. **Ivanova E.**, Staykova T., Petrov P. (2007) ALP as population-genetic markers for *Apis mellifera*. Science, education and time as our concern. III, 23-26.
33. **Ivanova E.**, Staykova T., Petrov P. (2006) Some preliminary data about genetic variability in local Bulgarian honeybee *Apis mellifere*. Proceedings of International Apimondia Symposium „Selection and Queen Breeding". Bulgaria, 1-3 September 2006, 1-11.
34. **Ivanova E.,** Staikova T. (2005) Age specificity in the expression of fatt body protein of the honey bee (Apismellifera L.) in the course of larval development. Agricultural University - Plovdiv, Scientific papers. L (3), 35-40. (in Bulgarian)
35. **Ivanova E.** (2004) Comparative electrophoretic investigation on the age and organ specificity of expression of soluble proteins of male imago forms of *Apis mellifera* L. Genetics and Breeding. 33 (1-2), 23-28.

36. **Ivanova E.** (2004) Dynamics in the expression of non-specific esterases (EST) and NAD-dependent malate dehydrogenases (MDH) in mucus, bulbus and cornual glands in drones of honeybees *Apis mellifera* L. Genetics and Breeding. 33 (3-4), 55-62.
37. **Ivanova E.** (2003) Genetic control of organ specificity in the expression of NAD-dependent malate dehydrogenases (MDH) in the course of ontogenesis in honey bees (ApismelliferaL.). Microbiology et Cytologia. 39 (8), 45-51. (in Bulgarian)
38. **Ivanova E.** (2003) Electroforetic investigations on the tissue and organ specificity of expression of water-soluble proteins of female imago forms of *Apis mellifera* L. Genetics and Breeding. 32 (3-4), 23-27.
39. **Ivanova E.** (2001/2002) Electrophoretic investigation of the expression of non-specific esterases in haemolymph, heart, Malpighian tubules, fat body and eyes of workers of *Apis mellifera* L. Genetics and Breeding. 31 (3-4), 61-64.
40. **Ivanova E.**, Dobrovolov I, Tersieva P. (2001) Isoelectrophoretic Studies of stage specificity of soluble protein expression of *Apis mellifera* L., Bulgaria. Bulgarian Journal of Agricultural Science. 7, 73-76.
41. **Ivanova E.**, Dobrovolov I., Tersieva,P. (2001) Variability of Isoelectrophoretic Spectra of Total Water-Soluble proteins Depending on Honeybee Susceptibility to Bacillus larvae. Bulgarian Journal of Agricultural Science. 7, 348-350.
42. Popov P., **Ivanova E.**, Dobrovolov I., Dimitrov B., Tersieva P. (2000) Population-genetic Study of *Apis mellifera* L., Bulgaria. Bulgarian Journal of Agricultural Science 6, 433-438.
43. **Ivanova E.,** Dzheferova M. (2000) Electorophoretic study of the expression and genetic control of nonspecific esterases in *Apis mellifera* hemolymph. Scientific papers of the Union of Scientists in Bulgaria - Plovdiv. B. Natural Sciences and Humanities. I, 409-412. (in Bullgarian)
44. **Ivanova E.,** Rasheva D., Irikova T. (2000) Electorophoretic study of the expression and genetic control of nonspecific esterases in the middle gut in working individuals of Apis mellifera. Scientific papers of the Union of Scientists in Bulgaria - Plovdiv, B. Natural Sciences and Humanities. I, 413-416. (in Bullgarian)
45. **Ivanova E.** (2000) Elektrophoretische Untersuchungen zur Organspezifitдt der wasserloslichen Proteine in der Ontogenese von Drohnen (*Apis mellifera* L.). Apidologie. 31, 671-677. IF – 1.43
46. **Ivanova E**., Popov P., Dobrovolov I. (2000) Elektrophoretische Untersuchungen der wasserlцslichen Proteine bei der Honigbiene *Apis mellifera* L. im Verlauf der Ontogenese. Apidologie. 31, 679-687. IF – 1.43
47. **Ivanova E. (1999)** Organ specificity in the expression of esterase isozymes in the larval and pre-causal stage of ontogenesis of Apis mellifera L. Animalia. 35 (6), 91-98. (in Bulgarian)
48. **Ivanova E.,** Popov P., Dobrovolov I., Terzieva P. (1999) Surveys on superoxide dismutases in honey bees ApismelliferaL. in the course of ontogenesis. Collection of biology and geography reports. Jubilee Scientific Conference "25 Years Shoumen University" Shumen 30.X. - 1. XI. 1996, 83-85. (in Bulgarian)
49. **Ivanova E**. (1998) Electrophoretic studies on NAD P-dependent malate dehydrogenases (ME) during ontogenesis of *Apis mellifera* L. in Bulgaria. Acta Zoologica Bulgarika. 50 (2/3), 141-146.
50. **Ivanova E.**, Popov P., Dobrovolov I. (1998) Dynamics in the expression during ontogenesis of NAD-dependent MDH in *Apis mellifera* L. in Bulgaria. Acta Zoologica Bulgarika, 50 (2/3), 133-139.
51. **Ivanova E.**, Popov P., Dobrovolov I, Tersieva P. (1997) Untersuchungen uber Superoxyddismutasen (SOD) bei Honigbienen, *Apis mellifera* L. in Ontogeneseverlauf. Animalia. 33 (6), 55-59.
52. **Ivanova E.,** Stoyanov I. (1997) Organ specificity of LDH-isoenzyme expression in the course of ontogenesis in Apis mellifera L. Animalia. 33 (6), 61-66. (in Bulgarian)
53. **Ivanova E.**, Popov P. (1997) Untersuchungen uber Isoformen der LDH bei *Apis mellifera* L. im Verlauf der Ontogenese. Apidologie. 28, 17-24. IF – 0.767
54. **Ivanova E. N.**, Popov P. (1996-1997) Electrophoretic studies of non-specific esterases during the ontogenetic course of domestic bee *Apis mellifera* L. (Hymenoptera: Apidae) in Bulgaria. Genetics and Breeding. 28 (1-2), 13-16.
55. **Ivanova E.N. (1996)** Variability in *Apis mellifera* L. - Ontogenetic and Population-Genetic Aspects. Autoreport for obtaining the scientific and educational degree "Doctor". Plovdiv University Publishing House. Plovdiv. 31. (in Bulgarian)
56. **Ivanova E.**, Popov P., Dobrovolov I., Tersieva P. (1996) Polymorphismus der MDH-loci bei Imagines von *Apis mellifera* L. aus Bulgarien. Animalia. 32 (6), 43-51.
57. **Ivanova E.,** Popov P., Stoikova T. (1995) Electrophoretic studies of polymorphism of common proteins and some isoenzymes in Apis mellifera L. in Bulgaria. Animalia. 31 (6), 51-56. (in Bulgarian)
58. **58. Ivanova, E.N.** (1995) Population-genetic studies on honey bees. Beekeeping. 6, 5-7.
59. 59. Popov P., **Ivanova E.** (1994) Electrophoretic studies on total soluble protein in Apis mellifera L. (Hymenoptera: Apidae). Animalia. 30 (6), 53-56. (in Bulgarian)
60. **Ivanova E.**, Popov P., Bogkova M. (1994) Electrophoretic studies of the NAD-dependent MDH during the larvae stage from the ontogenesis of *Apis mellifera* L. (Hymenoptera: Apidae). Animalia. 30 (6), 57-60.
61. **Ivanova E. H. (1993)** Electrophoresis as a method of study in honey bees. Beekeeping. 5, 5-6. (in Bulgarian)

62. **Ivanova E.N.,** Dobrovolov I., Popov P. (1991) Electrophoretic studies on non-specific esterases in Apis mellifera L. (Hymenoptera: Apidae) during ontogenesis. Animalia. 29 (6), 243-245. (in Bulgarian)
63. **Ivanova E. H. (1991)** Research on Electrophoretic Spectra of Soluble Proteins in Apis mellifera L. (Hymenoptera: Apidae). Animalia, 29, 6, 277-250. (in Bulgarian)

III.2. Genetic studies of other objects:

64. Dzhoglov S., Boyadzhiev D., **Ivanova E. N.** 2018. Association between some environment and lifestyle factors with male semen quality parameters: semen volume, spermatozoa concentration and motility. Comptes rendus de l'Académie bulgare des Sciences, in press. IF – 0.270
65. Dzhoglov S., Mitkovska V., Boyadzhiev D., **Ivanova E. N.** 2018. Complex study on dependencies between some sperm quality parameters and the DNA integrity in the spermatozoa nuclei in accordance with environmental and lifestyle factors. Ecologia Balkanica, in press. (Scopus).
66. **Ivanova E. N.**, Alexandrova-Karamanova A., Ivanov S., Lazarova D., Bozhinova B., Karadzhova E. 2018. Some health problems and their relationship to the Big-five personality traits. Ecologia Balkanica, submitted (Scopus).
67. **Ivanova E. N.**, Alexandrova-Karamanova A., Ivanov S., Grozeva S., Georgieva M., Dimitrova T., Hayverova T. 2018. Characteristics of personality in people with musical talent and other talents. Ecologia Balkanica, submitted (Scopus).
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