

Professional CV

Name: Snejana Michailova Grozeva, 1959 (born)

Address: Department of Experimental Zoology
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Education: 1985 M. Sc. at Sofia University
1990 PhD at Zoological Institute, St Petersburg

Post head: since 1990 adjunct at the Institute of Biodiversity and Ecosystem research, Sofia

Present position: Professor

Scientific papers: 70

Field of specialization: entomology, cytogenetics

Current scientific aims: Karyological investigation of insects possessing holokinetic chromosomes, especially Hemiptera (Insecta); application of novel approaches in chromosome study of true bugs Heteroptera

Membership: Bulgarian Society of Scientists, section "Theoretical and Evolutionary Biology"
International Society of Heteropterologists

Scientific institutions visiting: 1989 Novosibirsk State University, Russia

1986-now	Zoological Institute in St Petersburg, Russia (12 times)
1992-now	Institute of Systematics and Evolution of Animals, Krakow (6 times)
1996-now	University of Turku, Finland (15 times)

Projects:

FNI DO-02-259/08

Title: New Integrated Genome biomarker test System: A useful tool in model invertebrate and vertebrate species for environmental risk assessment, Project coordinator (2009-2012)

East and South European Network for Invasive Alien Species – A tool to support the management of alien species in Bulgaria, ESENIAS-TOOLS, Д-33-51/30.06.2015, FM EEA 2009-2014, expert Invertebrates (2015-2017)

Publications:

1. **Grozeva S**, Kuznetsova VG, Anokhin B 2011. Karyotypes, male meiosis and comparative FISH mapping of 18S ribosomal DNA and telomeric (TTAGG)_n repeat in eight species of true bugs (Hemiptera, Heteroptera) Comparative Cytogenetics 5(4): 355–374. ISSN:1993-078X (online), 1993-0771 (print), DOI:10.3897/CompCytogen.v5i4.2307, 355-374. ISI IF:0.878
2. Kuznetsova V, **Grozeva S**, Nokkala S, Nokkala C 2011. Cytogenetics of the true bug infraorder Cimicomorpha (Hemiptera, Heteroptera): a review. Zookeys, 154: 31-70, doi: 10.3897/zookeys.154.1953. **IF=0,878**
3. Simov N, Langourov M, Grozeva S, Gradinarov D 2012. New and Interesting Records of Alien and Native True Bugs (Hemiptera: Heteroptera) from Bulgaria. Acta zoologica bulgarica 64 (3): 241-252. **IF=0,309**
4. Kuznetsova VG, **Grozeva S**, Anokhin BA 2012. The first finding of (TTAGG)_n telomeric repeat in chromosomes of true bugs (Heteroptera, Belostomatidae) Comparative Cytogenetics 6 (4): 341–346. doi: 10.3897/CompCytogen.v6i4.4058. **IF=0,755**. ISSN:1993-078X (online) | 1993-0771 (print), DOI:doi: 10.3897/CompCytogen.v6i4.4058, 341-346. ISI
5. **Grozeva, S**, Kuznetsova, VG, Simov, N, Langurov, M, Dalakchieva, 2013 S. Sex chromosome pre-reduction in male meiosis of *Lethocerus patruelis* (Stål, 1854) (Heteroptera, Belostomatidae) with some notes on the distribution of the species. Zookeys, In: Popov A, Grozeva S, Simov N, Tasheva E (Eds) Advances in Hemipterology, 319, Пенсофт, DOI:doi: 10.3897/zookeys.319.4384, 119-135. ISI **IF:0.864**

6. **Grozeva, S**, Anokhin, BA, Kuznetsova, VG. 2014 Bed bugs (Hemiptera). Sharachov I (Ed.) Protocols for Cytogenetic Mapping of Arthropod Genomes, Taylor & Francis, CRC press, Boca Raton, ISBN:9781466598157, 40, 285-326. ISI IF:**0.923**
7. Kuznetsova, VG, **Grozeva, S**, Hartung, V, Anokhin, BA. 2015 First evidence for (TTAGG)_n telomeric sequence and sex chromosome post-reduction in Coleorrhyncha (Insecta, Hemiptera). Comparative cytogenetics, 9, 4, Pensoft, ISSN:1993-078X (online) | ISSN 1993-0771 (print), DOI:10.3897/CompCytogen.v9i4.5609, 523-532. ISI IF:**1.21**
8. Jauset, AM, Edo-Tena, E, Castañé, C, Agusti, N, Alomar, O, **Grozeva, S**. 2015 Comparative cytogenetic study of three *Macrolophus* species (Heteroptera, Miridae). Comparative cytogenetics, 9, 4, ISSN:1993-078X (online) | 1993-0771 (print), DOI:10.3897/CompCytogen.v9i4.5530, 613 - 623. ISI IF:1.211
9. Stoianova, D, **Grozeva, S**. 2015 Water bugs (Heteroptera: Nepomorpha and Gerromorpha) as bioindicators in ecological studies. Proceedings of the Seminar of Ecology - 2014, with international participation dedicated to 70 years USB, FIGARO ISBN:979-853-476-132-4, 62-65
10. Stoianova, D, Simov, N, **Grozeva, S**, Kuznetsova, VG. 2015 Achiasmate male meiosis in two *Cymatia* species (Hemiptera, Heteroptera, Corixidae). Zookeys, Lukhtanov VA, Kuznetsova VG, Grozeva S, Golub NV (Eds) Genetic and cytogenetic structure of biological diversity in insects, 538, 1, Pensoft, ISSN:1313-2970 (online) | 1313-2989 (print), DOI:10.3897/zookeys.538.6722, 9-104. ISI IF:0.933
11. Todorov, M, **Grozeva, S**, Hubenov, Z, Kenderov, L, Trichkova, T. 2016 Taxonomic status of medicinal leeches (Hirudinea, genus *Hirudo*) from Bulgaria. Acta zoologica bulgarica, 68, 2, ISSN:0324-0770, 171-182. ISI IF:0.31

Book chapters:

12. **Grozeva S**, Simov N 2013. Holokinetic chromosomes in Heteroptera – general characteristics and possibilities for application in biomonitoring studies. In: Genome Biomarker Test System for assessment of the ecological risk, Pensoft, Sofia-Moscow, 110-121.
13. **Grozeva S**, Anokhin BA, Kuznetsova VG. Recent advances in cytogenetics of bed bugs: FISH mapping of the 18S rDNA and TTAGG telomeric loci in *Cimex lectularius* Fabricius, 1803 (Hemiptera, Heteroptera, Cimicidae) In: „Protocols for chromosome mapping of arthropod genomes“ by CRC press, Taylor & Francis group.