

Curriculum vitae
12.05.2018

Gita G. Paskerova

SPIN-код (РИИЦ): 6005-0640
AuthorID (РИИЦ): 95930
ResearcherID: H-3805-2014
ScopusID: 6506637976
ORCID: 0000-0002-1026-4216
Map of science, Russian Federation: 00084614
IstinaResearcherID (IRID): 9614747

First name: Gita. **Middle name:** Georgievna. **Surname:** Paskerova

Date of birth: April 27, 1972

Place of birth: Leningrad (St Petersburg), Russia

Nationality: Russian Federation

Address: Department of Invertebrate Zoology, Faculty of Biology, St Petersburg State University, Universitetskaya nab.7/9, St Petersburg 199034, Russia.

Fax: (812) 328 97 03;

Phone: (812) 328 96 88

Mobile phone: +79052709101 or +79217020079

E-mails: gitapasker@yahoo.com

g.paskerova@spbu.ru

Web-pages:

<http://zoology.bio.spbu.ru/Eng/People/Staff/paskerova.php>

<http://mbs.spbu.ru/en/science/sprozoans-apicomplexa-sporozoa-and-their-hyperparasites/>

Education: Master of Science (Biology: Zoology), St Petersburg State University, St Petersburg, 1995. Thesis of diploma: "Mobile Peritriches of the White Sea (Ciliata, Peritricha)"

Professional experience:

1998-2011: Assistant Professor, Department of Invertebrate Zoology, St Petersburg State University;

Since 2011: Senior Lecturer, Department of Invertebrate Zoology, St Petersburg State University.

Languages. Spoken: Russian (native), English. Reading: English, French and German. Writing: English, French.

International experience:

1998-1999 (6 months): research work in the laboratory of Fish Parasites (head of laboratory – Dr. J. Lom), Institute of Parasitology, Czech Academy of Sciences, Ceske Budojovice, Czech Republic.

2000 (4 months): participation in SABIT program (Special American Business Internship Program) on the base of Seacamp Association (Big Pine Key, FL, USA).

2005 (2 months): Research Fellowship of the Institute of Zoology, Technical University of Dresden (lab.of Prof. Dr. Rudolf Entzeroth).

2005-2006 (6 months): DAAD, Technical University of Dresden, Institute of Zoology (lab.of Prof.Dr. Rudolf Entzeroth).

2006 (2 weeks), 2010 (2 weeks): the Gesellschaft von Freunden und Förderern der TU-Dresden, excursions to the Marine Biological Station of Roscoff, under the direction of Prof. Dr. Rudolf Entzeroth, Technical University of Dresden (Germany).

General research interests: marine fauna; parasites, protists; host-parasite relationships on molecular, cellular and tissue levels; light and electron microscopy.

Research activities:

1996-1998. Peculiarities of pathogenesis in the system *Gryllus bimaculatus* - *Nosema grylli* - *Adelina grylli* (light and electron microscopy).

1997-1998. Ultrastructural visualisation of glycocalyx in selected strains of naked rhizopod parasitic amoebae (electron microscopy).

Latest research activities:

Evolutionary trends of early emerging apicomplexans (Alveolata: Apicomplexa): ultrastructural and biological data. Fine structure and life cycle of metchnikovellids (Metchnikovellidae) in the context of putative evolutionary history of Microsporidia.

Morphology and taxonomy of henricias (Echinodermata: Asteroidea: Henricia) of the White Sea.

Field experience:

White Sea expeditions, Russia (since 1992),
Barents Sea expeditions, Russia (2001, 2002),
Caribbean Sea, Florida Keys, FL, USA (2000),
Atlantic coast, Bretagne, France (2006, 2010),
Norwegian Sea, Norway (2014).

Teaching experience:

1996-1997: elementary laboratory classes in Vertebrate Zoology (72 h);
1996-present: summer fieldwork "Invertebrate Zoology" for undergraduate students (112 h);
1999-present: elementary laboratory classes in Invertebrate Zoology (72 h);
2000-2001: summer fieldwork in "Invertebrate Zoology" for students of the Biology Faculty of Leipzig University, Germany (1 week) (in English).
2002-present: course of lectures "Zoological video excursions" for undergraduate students (26 h);
2002-present: course of lectures and laboratory classes "Echinodermata" for Bachelors students (18 h);
2002-present: course of lectures and laboratory classes "Ctenophora" for Bachelors students (18 h);
2002-present: course of lectures and laboratory classes "Deuterostomia" for Bachelors students (6 h);
2003: summer fieldwork "Invertebrate Zoology" for postgraduate students of Finland (2 days) (in English);
2005-present: course of lectures and laboratory classes "Parasitic protists" for Master students (60 h).

Professional memberships:

St.Petersburg Society of Naturalists;
St.Petersburg Society of Parasitologists.

Participation in conferences and workshops:

2000: 8th Annual International Weekend "Oceans - our link to the past, present and future", Newfound Harbor Marine Institute at Seacamp, Big Pine Key, Florida, USA. 28-30 January.
2000, April: exhibitor in National Science Teachers Conference, Orlando, Florida, USA.
2002: All-Russian Conference of Youth scientists, 23-25 April, Murmansk.
2003: 4th Scientific Session of the Marine Biological Station of Saint-Petersburg state University, Russia. 6 February, St.Petersburg.
2003: Conference "Young biologists of St. Petersburg—by the 300th Anniversary of St.Petersburg", St.Petersburg, Russia.
2003: International Conference and III Congress of Parasitological Society at RAS "Problems of modern parasitology" Petrozavodsk, Karelia, Russia. 6-12 October.
2004: 5th Scientific Session of the Marine Biological Station of St. Petersburg State University, Russia. 6 February, St.Petersburg.
2006: Seminar der Stipendiaten des "Michail Lomonosov" – DAAD Programms 2005/06. 24-25 April, Moskau.
2007: 8th Scientific Session of the Marine Biological Station of St. Petersburg State University. 8 February, St.Petersburg.
2007: IV All-Russian Workshop on Theoretical and Marine Parasitology. 21-26 May, Kaliningrad (Lesnoye Settlement).
2007: V European Congress of Protistology and XI European Conference on Ciliate Biology. 23-27 July, St.Petersburg.
2008: Xth European Multicollloquium of Parasitology. August 24-28, Paris, France.
2011: VI European Congress of Protistology. July 25-29, Berlin, Germany.
2012: X. Cescke a Slovenske Parazitologicke Dny. 28.05.-01.06. Masarykova univerzita, Brno, Czech Republic.
2014: 49th European Marine Biology Symposium, 8-12 September 2014, St Petersburg, Russian Federation.
2014: 3rd ECIP Workshop 2014, Brno, Czech Republic.

2014: Cescke a Slovenske Parazitologicke Dny 2014, Czech Republic.
 2014: V4 Parasitological Meeting. Parasites in the heart of Europe, May 2014, Slovakia.
 2015: Students in Polar Research Conference. 20 - 22 April 2015, Brno, Czech Republic.
 2015: VII ECOP – ISOP, 2015. 5-10 September, Seville – Spain.
 2016: Moscow Forum “Protist-2016”. 6-10 June, Moscow, Russia.
 2016: 12th European Multicollloquium of Parasitology. 20-24 July 2016, Turku, Finland.
 2016: Contemporary Problems of Theoretical and Marine Parasitology. Sevastopol, 2016.
 2016: Fauna and Ecology of Parasites, Moscow.
 2016: Workshop ECIP 2016, Czech Republic.
 2017: 15th International Congress of Protistology, 30th July – 4th August 2017, Prague, Czech Republic.
 2017: 1st Student Scientific Session of the Educational and Research Station “Belomorskaia”, St Petersburg State University, February 2017.
 2018: 2nd Student Scientific Session of the Educational and Research Station “Belomorskaia”, St Petersburg State University, February 2018.
 2018: 53rd European Marine Biology Symposium, Ostend, Belgium, 17-21 September 2018.
 2018: International conference “Contemporary Parasitology — major trends and challenges” (VI Congress of the Society of Parasitologists, Russia), St Petersburg, 15–19 October 2018.
 2018: Conference “Invertebrate Zoology - New Century” dedicated to the 160th anniversary of the Department of Invertebrate Zoology, Faculty of Biology, Lomonosov Moscow State University, Moscow, 19–21 December 2018.

Projects (Grants):

1995 George Soros International Scientific Foundation: personal research grant.
 2001, 2002 Personal grants for young researchers of St. Petersburg Institutions.
 1996-1998 Russian Foundation for Basic Research, № 96-04-48985-a "The relationships in the system of pest-host with intercellular parasitism of microsporidia and coccidia".
 2000 SABIT Program.
 2005-2006 DAAD foundation: grant for research “Reconstruction of general evolutionary pathways of the lower gregarines on the basis of ultrastructural and biological data”.
 2009-2010 ECO-NET “Biodiversity of gregarines in a changing environment and evolutionary strategies in early apicomplexa”.
 2009-2011 Russian Foundation for Basic Research, 09-04-01682-a “Pathways of Alveolata evolution”.
 2015-2017 Russian Foundation for Basic Research, 15-04-08870 ‘Molecular phylogeny and diversity of primitive microsporidia and neighbouring groups within the ARM clade: so where the protist-to-fungi boundary is located?’.
 2018-2020 Russian Foundation for Basic Research, 18-04-00324 ‘Development of the synthetic phylogenetic taxonomy of sporozoans (Apicomplexa: Sporozoa) suggested by ultrastructural and molecular phylogenetic evidence’.
 2018-2020 Russian Foundation for Basic Research, 18-04-01359 ‘Metchnikovellids is a key group for understanding of origin and evolutionary history of microsporidia (Opisthokonta: Microsporidia)’.

Papers:

1. Dolgikh V.V., Nasonova E.S., Paskerova G.G. 1996. Activities of enzymes of carbohydrate and energetic metabolism in spores of the microsporidia *Nosema grylli*. *Parazitologiya*, vol.30, (2): 178-181 [in Russian; English summary]. https://www.zin.ru/journals/parazitologiya/content/2002/prz_2002_6_6_Dolgikh.pdf.
2. Paskerova G.G. 1996. *Urceolaria kozloffii*, an ectocommencal of the brachiopod *Hemithyris psittacea* from the White Sea. *Parazitologiya*, vol.30, (3): 236-243 [in Russian; English summary]. https://www.zin.ru/journals/parazitologiya/content/1996/prz_1996_3_6_Paskerova.pdf.
3. Paskerova G.G., Sokolova Yu.Ya., Dobrovolsky A.A. 1998. Peculiarities of pathogenesis of a fat body in the cricket *Gryllus bimaculatus* (Gryllidae) infected with *Adelina grylli* (Sporozoa: Adeleina). *Parazitologiya*. Vol.32 (5): 457-463 [in Russian; English summary]. https://www.zin.ru/journals/parazitologiya/content/1998/prz_1998_5_8_Paskerova.pdf.
4. Dyakin A.Yu., Paskerova G.G. 2004. *Urospora chiridotae* (Sporozoa: Gregarinomorpha: Eugregarinida) - a neogamic parasite of sea cucumber *Chiridota laevis* (Echinodermata: Holothuroidea: Apoda). *Parazitologiya*. Vol.38 (3): 225-238 [in Russian with English summary]. https://www.zin.ru/Journals/parazitologiya/content/2004/prz_2004_3_3_Dyakin.pdf.
5. Butaeva, F., Paskerova, G., Entzeroth R. 2006. *Ditrypanocystis sp.* (Apicomplexa, Gregarina, Selenidiidae): the mode of survival in the gut of *Enchytraeus albidus* (Annelida, Oligochaeta,

- Enchytraeidae) is close to that of the coccidian genus *Gyptosporidium*. Tsyтологиya. Vol.48 (8): 695-704 [in English]. http://www.tsitologiya.cytspb.rssi.ru/48_8/butaeva.pdf.
6. Sokolova Y.Y., Paskerova G.G., Rotari Y.M., Nasonova E.S. and Smirnov A.V. 2013. Fine structure of *Metchnikovella incurvata* Caullery and Mesnil 1914 (microsporidia), a hyperparasite of gregarines *Polyrhabdina* sp. from the polychaete *Pygospio elegans*. Parasitology. Vol.140: 855–867 [in English]. doi:10.1017/S0031182013000036.
 7. Y. Y. Sokolova, G. G. Paskerova, Y. M. Rotari, E. S. Nasonova and A. V. Smirnov. 2014. Description of *Metchnikovella spiralis* sp. n. (Microsporidia: Metchnikovellidae), with notes on the ultrastructure of metchnikovellids. Parasitology, 141, pp 1108-1122. doi:10.1017/S0031182014000420. Q1, JCR 2017 = 2.511. <https://www.cambridge.org/core/journals/parasitology/article/description-of-metchnikovella-spiralis-sp-n-microsporidia-metchnikovellidae-with-notes-on-the-ultrastructure-of-metchnikovellids/761974F2A36E76B5AF10F683F123185A>.
 8. Yuri M. Rotari, Gita G. Paskerova and Yuliya Y. Sokolova. 2015. Diversity of metchnikovellids (Metchnikovellidae, Rudimicrosporea), hyperparasites of bristle worms (Annelida, Polychaeta) from the White Sea. Protistology. Vol. 9 (1): 50-59. http://protistology.ifmo.ru/num9_1/sokolova_protistology9-1.pdf. JCR 2017 = 0.
 9. Valigurová A, Paskerova GG, Diakin A, Kováčiková M, Simdyanov TG. 2015. Protococcidian *Eleutheroschizon dubosqi*, an Unusual Apicomplexan Interconnecting Gregarines and Cryptosporidia. PLoS ONE 10(4): e0125063. <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0125063>. doi:10.1371/journal.pone.0125063. Q1, JCR 2017 = 2.766.
 10. Diakin A, Paskerova GG, Simdyanov TG, Aleoshin VV, Valigurová A. 2016. Morphology and Molecular Phylogeny of Coelomic Gregarines (Apicomplexa) with Different Types of Motility: *Urospora ovalis* and *U. trivisiae* from the Polychaete *Trivisia forbesii*. Protist. Vol. 167 (June 2016): 279-301. <https://www.sciencedirect.com/science/article/pii/S143446101630013X?via%3Dihub>. doi: 10.1016/j.protis.2016.05.001. Q2, JCR 2017: 2.702.
 11. Gita G. Paskerova, Ekaterina V. Frolova, Magdaléna Kováčiková, Tatiana S. Panfilkina, Elisei S. Mesentsev, Alexey V. Smirnov, Elena S. Nasonova. 2016. *Metchnikovella dogieli* sp. n. (Microsporidia: Metchnikovellida), a parasite of archigregarines *Selenidium* sp. from polychaetes *Pygospio elegans*. Protistology, 10 (4): 148-157. doi:10.21685/1680-0826-2016-10-4-4. JCR 2017 = 0.
 12. Valigurová A, Vaškovicová N, Diakin A, Paskerova GG, Simdyanov TG, Kováčikova M. 2017. Motility in blastogregarines (Apicomplexa): Native and drug-induced organisation of *Siedleckia nematoides* cytoskeletal elements. PLoS ONE 12 (6): e0179709. Q1, JCR 2017 = 2.766. <https://doi.org/10.1371/journal.pone.0179709>.
 13. Olga Bratova, Gita G. Paskerova. 2018. *Henricia* spp. (Echinodermata: Asteroidea: Echinasteridae) of the White Sea: morphology, morphometry and synonymy. Can. J. Zool. 96 (4): 341–355. <http://www.nrcresearchpress.com/doi/full/10.1139/cjz-2017-0072>. dx.doi.org/10.1139/cjz-2017-0072. Q1, JCR 2017 = 1.184.
 14. Timur G. Simdyanov, Gita G. Paskerova, Andrea Valigurová, Andrei Diakin, Magdaléna Kováčiková, Joseph Schrével, Laure Guillou, Andrey A. Dobrovolskij, Vladimir V. Aleoshin. 2018. First Ultrastructural and Molecular Phylogenetic Evidence from the Blastogregarines, an Early Branching Lineage of Plesiomorphic Apicomplexa. Protist. 169(5): 697–726. 10.1016/j.protis.2018.04.006. Q2, JCR 2017: 2.702. <https://www.sciencedirect.com/science/article/pii/S1434461018300300?via%3Dihub>.
 15. Galindo L.J., Torruella G., Moreira D., Timpano H., Paskerova G., Smirnov A., Nasonova E., López-García P. 2018. Evolutionary genomics of *Metchnikovella incurvata* (Metchnikovellidae), an early branching microsporidium. Genome Biol. Evol. 10(10):2736–2748. doi:10.1093/gbe/evy205. Q1, JCR 2017= 3.940. <https://academic.oup.com/gbe/article/10/10/2736/5098297>.
 16. Gita G. Paskerova, Tatiana S. Miroliubova, Andrei Diakin, Magdaléna Kováčiková, Andrea Valigurová, Laure Guillou, Vladimir V. Aleoshin, Timur G. Simdyanov. 2018. Fine structure and Molecular Phylogenetic Position of Two Marine Gregarines, *Selenidium pygospionis* sp. n. and *S. pherusae* sp. n., with Notes on the Phylogeny of Archigregarinida. Protist 169(6): 826-852. <https://www.sciencedirect.com/science/article/pii/S143446101830066X>. 10.1016/j.protis.2018.06.004. Q2, JCR 2017: 2.702.

Conference papers:

1. Nasonova E, Moreira D, Torruella G, Timpano H, Paskerova G, Smirnov A, Lopez-Garcia P. Phylogenomic insights on the evolution of metchnikovellids. Moscow Forum “Protist-2016”. 6-10 June, Moscow, Russia. // Protistology, 2016. Vol.10, N 2. P.52 [in English].

2. Panfilkina Tatiana S., Simdyanov Timur G., Aleoshin Vladimir V., Paskerova Gita G. Agamococcidians: coccidians or gregarines? New species and new data on the phylogenetic position of the group // Moscow Forum "Protist-2016". 6-10 June, Moscow, Russia. // Protistology, 2016. Vol. 10, N 2. P. 56-57 [in English].
3. Панфилкина Т. С., Паскерова Г. Г., Симдянов Т. Г., Алёшин В. В. Новые представители и филогенетическое положение группы агамококцидий (Apicomplexa: Agamococcidiorida) // VI Всероссийская конференция с международным участием «Школа по теоретической и морской паразитологии». Сборник научных статей «Современные проблемы теоретической и морской паразитологии». Севастополь, 2016. Стр. 49-50. [T.S. Panfilkina, G.G. Paskerova, T.G. Simdyanov, V.V. Aleoshin. New Members and Phylogenetic Position of Agamococcidians (Apicomplexa: Agamococcidiorida). Contemporary Problems of Theoretical and Marine Parasitology. Sevastopol, 2016. Collection of Scientific Papers, p.49-50.] (oral presentation, printed abstract) [in Russian, English Abstract]. ISBN 978-5-9908633-2-3.
4. Денисова С.А., Паскерова Г.Г. Краткий обзор особенностей биологии кокцидии *Alveocystis intestinalis* // VI Всероссийская конференция с международным участием «Школа по теоретической и морской паразитологии». Сборник научных статей «Современные проблемы теоретической и морской паразитологии». Севастополь, 2016. Стр. 71-72. [S.A. Denisova, G.G. Paskerova. Biological Features of *Alveocystis intestinalis* (Coccidia): A Brief Review. Contemporary Problems of Theoretical and Marine Parasitology. Sevastopol, 2016. Collection of Scientific Papers, p.71-72] [in Russian, English Abstract]. ISBN 978-5-9908633-2-3.
5. Панфилкина Т.С., Г.Г. Паскерова. Агамококцидии (Apicomplexa: Agamococcidiorida) Белого моря. 2016. Труды Центра паразитологии. Т. 49: Фауна и экология паразитов. Стр. 93-94. [Panfilkina T.S., G.G. Paskerova. Agamococcidians (Apicomplexa: Agamococcidiorida) of the White Sea. 2016. Scientific papers of the Centre of Parasitology. Vol.49: Fauna and Ecology of parasites. P.71-72] [in Russian]. ISSN 0568-5524.

Printed abstracts:

1. Paskerova G.G. Gregarines of Dalnezelenetskaya inlet of the Barents Sea // All-Russian conference of youth scientists, 23-25 April, 2002 (Murmansk). P.159-161 (printed abstract) [in Russian].
2. Dyakin A.Y., Paskerova G.G. Neogamic gregarine of the White Sea holothuroid *Chiridota laevis* // 4th Scientific Session of Marine Biological Station St. Petersburg State University, 2003. P. 56-58 (printed abstract) [in Russian].
3. Dyakin A.Y., Paskerova G.G. *Urospora chiridotae* (Dogiel, 1906) Goodrich, 1925 (Apicomplexa: Eugregarinida): new data // Anichkov Vestnik, 2003. №33, P. 48-49. (printed abstract) [in Russian].
4. Paskerova G.G., Dyakin A.Yu., Guseva Yu.V. The fauna of gregarines of the White Sea // Problems of modern Parasitology, 2003. V. II, P. 51-53. (printed abstract) [in Russian].
5. Butaeva F., Paskerova G., Entzeroth R. *Ditrypanocystis sp.* (Apicomplexa, Selenidiidae) in the oligochaete *Enchytraeus albidus* (Annelida, Enchytraeidae): mode of survival in the host gut brush border similar to that of *Cryptosporidium* species (Apicomplexa, Coccidia) // Problems of modern Parasitology, 2003. V. II. P.216-217 (printed abstract) [in English].
6. Dyakin A.Y., Paskerova G.G. Fine structure of the cortical zone of the gregarine *Urospora chiridotae* (Dogiel, 1906) Goodrich, 1925 // 5th Scientific Session of the Marine Biological Station of St. Petersburg State University, 2004. P. 48-49 (printed abstract) [in Russian].
7. Dyakin A., Paskerova G. Cortex structure of *Urospora travisiae* and *Urospora ovalis* – gregarines with different types of motility // VII Scientific Session of the Marine Biological Station of St. Petersburg State University, 2007. P. 59-60 (printed abstract) [in Russian].
8. Paskerova Gita. Reconstruction of general evolutionary pathways of the lower gregarines on the basis of ultrastructural and biological data. In: Materialien zum wissenschaftlichen Seminar der Stipendiaten des "Michail Lomonosov" – Programms 2005/06. Moskau, 24-25 April 2006. P.154-156 (printed abstract, oral presentation) [in English].
9. Paskerova G.G. Who are you, blastogregarines? History of study and personal investigation of *Siedleckia nematoides* Caullery et Mesnil, 1898 (Blastogregarinorina, *Siedleckia*) // 8th Scientific Session of the Marine Biological Station of St. Petersburg State University, 2007. P. 61-63 (printed abstract) [in Russian].
10. Dyakin A., Paskerova G. Morphology of *Urospora ovalis*, a gregarine from the celom cavity of polychaete *Travisia forbesii* // in Proceedings of the IV All-Russian Workshop on theoretical and marine parasitology, Kaliningrad (Lesnoye Settlement) May 21-26, 2007. P.75-78 (printed abstract, oral presentation) [in Russian].

11. Dyakin A., Paskerova G. Correlation between cortex structure and motility type of gregarines by the example of three *Urospora* species // Abstracts of V European Congress of Protistology and XI European Conference on Ciliate Biology. Protistology 5 (1), 2007. P.25-26 (printed abstract) [in English].
12. Paskerova G.G. Transition between extracellularity and intracellularity in lower sporozoans; a case of *Eleutheroschizon duboscqui* Brasil, 1906 (Coccidea, Protococciida) from polychaetes *Scoloplos armiger* and *Nainereis quadricuspida* // Abstracts of V European Congress of Protistology and XI European Conference on Ciliate Biology. Protistology 5 (1), 2007. P.60-61. (printed abstract) [in English].
13. Paskerova G.G. Evolutionary trends of the lower gregarines: ultrastructural and biological data // Abstracts of V European Congress of Protistology and XI European Conference on Ciliate Biology. Protistology 5 (1), 2007. P.61. (printed abstract, oral presentation) [in English].
14. Rotari Yu., Paskerova G. New data on hyperparasitic microsporidians from polychaetes of the White Sea // Abstracts of V European Congress of Protistology and XI European Conference on Ciliate Biology. Protistology 5 (1), 2007. P.67-68. (printed abstract, oral presentation) [in English].
15. Paskerova G. Lower sporozoans of polychaetes in the White Sea // IX Scientific Session of Marine Biological Station of St.Petersburg State University. Abstracts, St.Petersburg, 8 February, 2008. Pp.58-60 (printed abstract, oral presentation) [in Russian]
16. Simdyanov T.G., Paskerova G.G., Mikhailov K.V., Aleoshin V.V. Blastogregarines (Alveolata: Apicomplexa: Sporozoa) are a plesiomorphic group of sporozoans as inferred from ultrastructural and molecular data// Xth European Multicollloquium of Parasitology (Abstract Book). Paris, 2008. P. 32-33 (printed abstract, oral presentation) [in English].
17. Timur Simdyanov, Andrey Dyakin, Gita Paskerova, Rolf Entzeroth, Vladimir Aleoshin, Joseph Schrével. New data on Protococcidia: a plesiomorphic Apicomplexa taxon // 1st Asian Congress of Protistology (Abstract Book). Jeju National University, Korea. October 3-6, 2011. P. 73-74 (printed abstract) [in English].
18. Timur Simdyanov, Andrey Dyakin, Gita Paskerova, Vladimir Aleoshin. Phylogenetic position of unusual gregarine-like organism *Digyalum oweni* // 1st Asian Congress of Protistology (Abstract Book). Jeju National University, Korea. October 3-6, 2011. P. 74 (printed abstract) [in English].
19. Elena Nasonova, Gita Paskerova, Yuliya Sokolova, Yuriy Rotari, Alexey Smirnov. A new metchnikovellid microsporidium: A hyperparasite of gregarines from the polychaete *Pygospio elegans* // VI European Congress of Protistology. Berlin, Germany. July 25-29, 2011. P. 93 (printed abstract) [in English].
20. Diakin A., Simdyanov T., Paskerova G., Aleoshin V., Entzeroth R., Schrével J., Valigurova A. Phylogenetic study on early emerging apicomplexans with emphasis on genera *Eleutheroschizon* and *Siedleckia*. // X. Cescke a Slovenske Parazitologicke Dny. Masarykova univerzita, Brno. 28.05.-01.06.2012. P.82 (printed abstract, oral presentation) [in English].
21. Simdyanov T., Diakin A.Y., Paskerova G.G., Aleoshin V. Phylogenetic position of the archigregarine *Selenidium sp.* as inferred from molecular phylogeny analysis using 18S, 5.8S, and 28S rDNA sequences. III Moscow International Conference «Molecular Phylogenetics MolPhy-3». Moscow, 31 July - 4 August 2012 (printed abstract, poster presentation) [in English].
22. Andrei Diakin, Timur G. Simdyanov, Gita G. Paskerova & Andrea Valigurova. Observations on Some Basal Apicomplexans from Marine Invertebrates. 43rd Jirovec's Protozoological Days. Česke Budějovice, 6 - 10 May 2013. Conference Proceeding, P.30 (printed abstract, oral presentation) [in English].
23. Andrei Diakin, Gita G. Paskerova, Timur G. Simdyanov, Andrea Valigurova. *Urospora ovalis* – coelomic gregarine from the White Sea polychaete *Travisia forbesii*. V4 Parasitological Meeting – Parasites in the Heart of Europe. Stará Lesná, Slovakia, May 25-30, 2014 (printed abstract, oral presentation) [in English].
24. M. Kováčiková, T.G. Simdyanov, G.G. Paskerova, A. Diakin, A. Valigurová. Motility of *Siedleckia nematoides* (Apicomplexa): structural changes of cytoskeletal elements after drugs application. 49th European Marine Biology Symposium. 8-12 September 2014, St.Petersburg. Abstracts Volume, p.21-22 (printed abstract, oral presentation) [in English].
25. A. Valigurová, G.G. Paskerova, A. Diakin, T.G. Simdyanov. Attachment strategy of *Eleutheroschizon dubosqi* (Apicomplexa): a protococcidian sharing features of gregarines and cryptosporidia. 49th European Marine Biology Symposium. 8-12 September 2014, St.Petersburg. Abstracts Volume, p.25-26 (printed abstract, oral presentation) [in English].
26. G.G. Paskerova, A. Diakin, T.S. Panfilkina, A. Valigurová, T.G. Simdyanov. *Selenidium sp.* (Apicomplexa: Archigregarinida) from the intestine of *Pygospio elegans* (Polychaeta): fine structure and phylogenetic position. 49th European Marine Biology Symposium. 8-12 September 2014, St.Petersburg. Abstracts Volume, p.95-96 (printed abstract, poster presentation) [in English].

27. G.G. Paskerova, A. Diakin, T. S. Panfilkina, T.G. Simdyanov, A. Valigurová. Fine structure of *Polyrhabdina* sp. (Apicomplexa: Eugregarinida), with emphasis on the taxonomic position of polyrhabdines. 49th European Marine Biology Symposium. 8-12 September 2014, St.Petersburg. Abstracts Volume, p.96-97 (printed abstract, poster presentation) [in English].
28. Kováčiková M., Diakin A, Paskerova G.G., Valigurová A. Motility of archigregarine *Selenidium* sp. parasitizing polychaete *Pygospio elegans* from White Sea. Proceedings: Students in Polar Research Conference 2015. 20 - 22 April 2015, Brno, Czech Republic. Abstracts Volume, p.31 (oral presentation, printed abstract) [in English].
29. Elena Nassonova, Gita Paskerova, Yuliya Sokolova, Yuri Rotari, Alexey Smirnov. Phylogenetic position of Metchnikovellids (Microsporidia: Metchnikovellidae). VII ECOP – ISOP, 2015. 5-10 September, Seville – Spain. Abstract Volume, p. 172 (oral presentation, printed abstract) [in English].
30. Magdaléna Kováčiková, Andrei Diakin, Gita G. Paskerova, Andrea Valigurová. The motility in selenidiid archigregarines (Selenidiidae), an early emerging group of Apicomplexa. 12th European Multicolloquium of Parasitology. 20-24 July 2016, Turku, Finland. Abstract Volume (oral presentation, printed abstract) [in English].
31. Elena Nassonova, Gita Paskerova, David Moreira, Guifre Torruella, Héléne Timpano, Luis Javier Galindo González, Yuliya Sokolova, Magdaléna Kováčiková, Ekaterina Frolova, Yuri Rotar6, Purificación López-García, Alexey Smirnov. Metchnikovellids, an evolutionary important yet poorly studied group at the root of microsporidian tree. 15TH INTERNATIONAL CONGRESS OF PROTISTOLOGY 30th July – 4th August 2017 Prague, Czech Republic. BOOK OF ABSTRACTS (oral presentation, printed abstract) [in English].
32. Andrei Diakin, Gita G Paskerova, Andrea Valigurová. The family Urosporidae Léger, 1892: biodiversity, morphological plasticity, and molecular phylogeny, as inferred from SSU rDNA. 15TH INTERNATIONAL CONGRESS OF PROTISTOLOGY 30th July – 4th August 2017 Prague, Czech Republic. BOOK OF ABSTRACTS (poster presentation, printed abstract) [in English].
33. Magdaléna Kováčiková, Gita G Paskerova, Andrei Diakin, Andrea Valigurová. Cytoskeletal elements and motility in the archigregarine *Selenidium* sp.: observations on native and drug-treated parasites. 15TH INTERNATIONAL CONGRESS OF PROTISTOLOGY 30th July – 4th August 2017 Prague, Czech Republic. BOOK OF ABSTRACTS (oral presentation, printed abstract) [in English].
34. Панфилкина Т.С., Паскерова Г.Г. Развитие *Selenidium* sp. (Apicomplexa: Archigregarinorida) в кишке полихеты *Pygospio elegans*. I Студенческая Научная сессия УНБ "Беломорская" СПбГУ, тезисы докладов. [Panfilkina T.S., Paskerova G.G. Development of *Selenidium* sp (Apicomplexa: Archigregarinorida) in the intestine of the polychaete *Pygospio elegans*. 1st Student Scientific Session of the Marine Biological Station 'Belomorskaia', St Petersburg State University] <http://mbs.spbu.ru/en/news-en/1726/>. (poster presentation, printed abstract) [in Russian].
35. Фролова Е.В., Паскерова Г.Г. Мечниковеллиды - гиперпаразиты полихет. II Студенческая Научная сессия УНБ "Беломорская" СПбГУ. 9 Февраля 2018, Санкт-Петербург. Тезисы докладов. [Frolova E.V., Paskerova G.G. Metchnikovellides, hyperparasites of polychaetes. 2nd Student Scientific Session of the Marine Biological Station 'Belomorskaia', St Petersburg State University. 9 February, Saint-Petersburg] (oral presentation, printed abstract) [in Russian].
36. Paskerova Gita G., Frolova Ekaterina V., Smirnov Alexey V., and Nassonova Elena S. Metchnikovellids as basal microsporidia: research history and perspectives. 53rd European Marine Biology Symposium. 17-21 September 2018, Ostend. <http://www.embs53.org/conference-programme> (oral presentation) [in English].
37. Фролова Е.В., Паскерова Г.Г. Биоразнообразие мечниковеллид в Белом море. Современная паразитология — Основные тренды и вызовы. Материалы VI Съезда Паразитологического общества: Международная конференция: г. Санкт-Петербург, 15–19 октября 2018 г. Тезисы устного доклада [Frolova E.V., Paskerova G.G. Biodiversity of Metchnikovellids in the White Sea. Contemporary Parasitology - Major Trends and Challenges. Proceedings of the VI Congress of the Society of Parasitologists, Russia: International Conference, October 15–19, 2018, Saint Petersburg] https://www.zin.ru/conferences/2018_Cong6_PO_RAN/ (oral presentation) [in Russian].
38. Симдянов Т.Г., Паскерова Г.Г. *Moxeella intermedia* - "недостающее звено" между кольподеллидами и споровиками? Материалы конференции «ЗООЛОГИЯ БЕСПОЗВОНОЧНЫХ – НОВЫЙ ВЕК», посвященной 160-летию Кафедры зоологии беспозвоночных Биологического факультета МГУ им. М.В. Ломоносова, стр.111. Москва, 19-21 декабря 2018 г. [Simdyanov T.G., Paskerova G.G. *Moxeella intermedia* is a missing link between colpodellides and sporozoans? Proceedings of the conference dedicated to the 160th anniversary of the Department of Invertebrate Zoology, Faculty of Biology, Lomonosov Moscow State University (Eds. Vladimir V. Malakhov & Ilya I. Gordeev), p. 111. Moscow, December 19-

21, 2018] http://invert.bio.msu.ru/images/Conferences/abstracts_NewCentury.pdf (oral presentation) [in Russian].

Methodic materials:

1. Karpova G.A., Paskerova G.G. 2000. The possible effect of bird nesting on the vegetation and fauna of shallowwaters // Illustrated guide. Seacamp Association, Big Pine Key, Florida, USA. Pp.30. [in English].