

CURRICULUM VITAE

Ilya A. Udalov

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Personal data:

Name: Ilya A. Udalov.

Date of birth: 25 April 1985.

Nationality: Russian.

Languages: Russian (native), English (reading, speaking), French (read with dictionary)

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

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Current position:

Junior Research Fellow at the Department of Invertebrate Zoology of St. Petersburg State University.

Teaching experience:

2012–present: Practical studies in invertebrate zoology for schoolboys of Academic Gymnasium of St. Petersburg State University.

2010–2015: Practical studies in course «Protistology» for undergraduate 3-rd year students.

2009–present: Summer fieldwork in invertebrate zoology for undergraduate 1-st year students; practical studies in invertebrate zoology for undergraduate students.

2004–2009: Practical classes in entomology in Alexei Kouprianov entomological circle.

Research interests:

Biodiversity, morphology and systematics of naked lobose amoebae, molecular techniques in systematics, protistology, invertebrate zoology.

Subject of current research:

Systematics, biodiversity and DNA-barcoding of naked lobose amoebae genus *Korotnevella* Goodkov 1988.

Education:

2014–present: Postgraduate, St. Petersburg State University, Faculty of Biology, Department of Invertebrate Zoology.

Supervisor: Ph.D., Associate Professor, Alexey V. Smirnov.

2009–2011: Master's course, St. Petersburg State University, Faculty of Biology, Department of Invertebrate Zoology.

MSc thesis: «Naked lobose amoebae of the family Thecamoebidae: biodiversity and systematics».

Supervisor: Ph.D., Associate Professor, Alexey V. Smirnov.

2002–2006: Bachelor's course, St. Petersburg State University, Faculty of Biology, Department of Entomology.

BSc thesis: «Leaf beetles (Coleoptera: Chrysomelidae) of North-West of Russia».

Supervisor: Ph.D., Associate Professor, Fedor V. Konstantinov.

Participation in research training courses:

2012: Microsensor Analysis in the Environmental Sciences, Marine Biological Station, Rønbjerg, Denmark, May 30 – June 8, 2012.

2010: The Second White Sea Molecular Zoology Summer School, N.A. Pertzov White Sea Biological Station (WSBS MSU), Poyakonda, September 5–19, 2010.

Field trips:

August 2012: St. Petersburg State University White Sea Station (collecting fresh and marine water samples).

July 2005: Tigirek Reserve, North-Western Altai, Russia (collecting leaf-beetles).

Internships:

June–July 2016: Penard Labs, Berlin. Collaboration with Eckhard Völcker. Full financial support from St. Petersburg State University (projects 1.38.251.2014 and 1.42.1101.2016)

Projects participation:

2017–2019: RSF 17-14-01391 «Evolution, phylogeny and systematics of Amoebozoa».

2016–2018: RFBR 16-04-01454_a «Evolution, phylogeny and systematics of amoebae of the class Tubulinea (Amoebozoa, Lobosa)».

2015–2017: RFBR 15-29-02749_офи_м «Complex revision of the amoeboid protists' biodiversity on the territory of the Russian Federation».

2014–2016: RFBR 14-44-04161_р_сибирь_а «Biodiversity of the amoeboid protists in Lake Baikal».

2014–2016: RSF 14-14-00474 «Main evolutionary pathways of the mitochondrial genomes in Amoebozoa».

2014–2015: RFBR 14-04-90420_Укр_а «Organization, biology and phylogeny of amoebae isolated from the bentonite clays of Mesozoic deposits».

2013–2014: RFBR 12-04-33229_мол_а_вед «Biodiversity of naked lobose amoebae (Amoebozoa) in deep-sea habitats».

2012–2014: RFBR 12-04-01825_а «Multigene phylogeny of Amoebozoa and development of a new "through" system unifying all amoeboid protists».

Conference participation:

6–10 June 2016: Moscow Forum «PROTIST-2016» (Moscow, Russia).

Oral presentation «Cell coat evolution and phylogeny of dactylopodid amoebae (Amoebozoa, Discosea)».

5–10 September 2015: VII European Congress of Protistology (Seville, Spain).

Poster presentation «Systematics and evolution of the cell coat of in amoebae of the genus *Korotnevella* (Amoebozoa, Discosea)».

Publications in peer-reviewed journals:

2016 Udalov, I. A., Zlatogursky, V. V., Smirnov, A. V. A new freshwater naked lobose amoeba *Korotnevella venosa* n. sp. (Amoebozoa, Discosea). *J. Eukaryot. Microbiol.*, 63 (6), 834–840.

2016 Zlatogursky, V.V., Kudryavtsev, A., **Udalov, I. A.,** Bondarenko, N., Pawlowski, J., Smirnov, A.V. Genetic structure of a morphological species within the amoeba genus *Korotnevella* (Amoebozoa: Discosea), revealed by the analysis of two genes. *Eur. J. Protistol.*, 56, 102–111.

2016 Udalov, I. A. *Pseudoparamoeba microlepis* n. sp., *Korotnevella fousta* n. sp. (Amoebozoa, Dactylopodida), with notes on the evolution of scales among dactylopodid amoebae. *Eur. J. Protistol.*, 54, 33–46.

2015 Udalov, I. A. Cyst-forming amoebae of the genus *Korotnevella* Goodkov, 1988 (Amoebozoa: Dactylopodida), with description of two new species // *Eur. J. Protistol.*, 51 (5), 480–493.

Publications in conference proceedings:

2016 Udalov, I. A. Cell coat evolution and phylogeny of dactylopodid amoebae (Amoebozoa, Discosea). *Protistology*, 10 (2), 85.

2015 Udalov, I. A. Systematics and evolution of the cell coat in amoebae of the genus *Korotnevella* (Amoebozoa, Discosea) Materials of VII European Congress of Protistology, Seville, 5-10 September 2015.