

**Andrey N. Ostrovsky**

## CURRICULUM VITAE

23 November, 2016

**Date of birth:** 18 August 1965**Place of birth:** Orsk, Orenburg area, Russia**Nationality:** Russian**Family:** married, two children**Current positions:**Principal Investigator at the Department of Palaeontology, Faculty of Earth Sciences,  
Geography and Astronomy, University of Vienna, AustriaAssociate Professor at the Department of Invertebrate Zoology, Faculty of Biology,  
Saint Petersburg State University, Russia**Address in Austria:**Department of Palaeontology, Faculty of Earth Sciences, Geography and Astronomy  
Geozentrum, University of Vienna, Althanstrasse 14, A-1090 Vienna, Austria**Tel:** 0043-1-4277-53531**FAX:** 0043-1-4277-9535**Web-pages:**[http://www.univie.ac.at/Palaeontologie/PERSONS/Andrey\\_Ostrovsky\\_EN.html](http://www.univie.ac.at/Palaeontologie/PERSONS/Andrey_Ostrovsky_EN.html)[http://palse2.pal.univie.ac.at/Bryozoa/Safaga\\_Bay/Safaga\\_Bay.html#](http://palse2.pal.univie.ac.at/Bryozoa/Safaga_Bay/Safaga_Bay.html#)<http://palse2.pal.univie.ac.at/Bryozoa/Oman/Oman.html#>[http://palse2.pal.univie.ac.at/Bryozoa/Maldives\\_Islands/Maldives\\_Islands.html#](http://palse2.pal.univie.ac.at/Bryozoa/Maldives_Islands/Maldives_Islands.html#)**Address in Russia:**Department of Invertebrate Zoology, Faculty of Biology  
Saint Petersburg State University, Universitetskaja nab. 7/9  
199034, Saint Petersburg, Russia**Tel:** 007 (812) 328 96 88**FAX:** 07 (812) 328 97 03**Web-pages:**<http://zoology.bio.spbu.ru/Eng/People/Staff/ostrovsky.php><http://www.vokrugsveta.ru/authors/646/><http://elementy.ru/bookclub/author/5048342/>**E-mails:** oan\_univer@yahoo.com

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a.ostrovsky@spbu.ru

***Degrees and education:***

2006 Doctor of Biological Sciences [Doctor of Sciences]. Faculty of Biology & Soil Science, Saint Petersburg State University. Dissertation in evolutionary zoomorphology. *Major research topic*: Evolution of bryozoan reproductive strategies. The anatomy, morphology and reproductive ecology of cheilostome bryozoans. DSc Thesis: “Evolution of sexual reproduction in the order Cheilostomata (Bryozoa: Gymnolaemata)”. Saint Petersburg State University, 630 pp. [in Russian].

1995 Candidate of Biological Sciences [Doctor of Philosophy]. Faculty of Biology & Soil Science, Saint Petersburg State University. Dissertation in evolutionary zoomorphology. *Major research topic*: Bryozoan systematics and morphology. The taxonomy, ecology, variability, development and colony construction of cyclostome bryozoans. PhD Thesis: “Evolution of erect colony construction in some groups of tubuliporids (Bryozoa, Stenolaemata): examples from the Antarctic fauna”. Saint Petersburg State University, 210 pp. [in Russian].

1992 Higher Education Diploma with Distinction [Master of Science in Biology], Saint Petersburg State University, Faculty of Biology & Soil Science. *Subject of examination*: biology and zoology. Grade-point average is 5.0 by the 5-point scale, where 5 is highest.

1982-86 Volgograd State Pedagogical Institution [Teachers’ Training College], Faculty of Geography & Natural Sciences. *Subject of examination*: geography and biology. Grade-point average record of 5.0.

1982 Secondary Education completed: 10 years. Grade-point average of 5.0.

***Complete professional and scientific background:***

***Positions:***

- *time*: October 2015–recent
- *position*: Project Leader (Principal Investigator – senior postdoctoral researcher)
- *name and place of the institution*: Department of Palaeontology, Faculty of Earth Sciences, Geography and Astronomy, Universität Wien, Austria
- *financed by*: Fonds zur Förderung der wissenschaftlichen Forschung
  
- *time*: October 2014–November 2014
- *position*: visiting Professor
- *name and place of the institution*: Station Marine d’Endoume, Centre d’Oceanologie de Marseille, Rue de la Batterie des Lions, 13007 Marseille, France
- *financed by*: Aix-Marseille University
- *name and address of scientific mentor*: Professor, Dr Alexander Ereskovsky, Labex OT-Med, Station Marine d’Endoume, Centre d’Oceanologie de Marseille, Rue de la Batterie des Lions, 13007 Marseille, France
  
- *time*: July 2010–May 2013

- *position*: Project Leader (Principal Investigator – senior postdoctoral researcher)
  - *name and place of the institution*: Department of Palaeontology, Faculty of Earth Sciences, Geography and Astronomy, Universität Wien, Austria
  - *financed by*: Fonds zur Förderung der wissenschaftlichen Forschung
- 
- *time*: January 2007–December 2009
  - *position*: postdoctoral researcher
  - *name and place of the institution*: Department of Palaeontology, Faculty of Earth Sciences, Geography and Astronomy, University of Vienna, Austria
  - *financed by*: Fonds zur Förderung der wissenschaftlichen Forschung
  - *name and address of scientific mentor*: Professor Dr Norbert Vávra, Institute of Palaeontology, Geozentrum, Universität Wien, Althanstrasse 14, A-1090 Wien, Austria
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- *time*: October 2007–December 2007
  - *position*: visiting lecturer
  - *name and place of the institution*: Smithsonian Tropical Research Institute, Center for Tropical Paleocology and Archeology, Panama City, Republic of Panama
  - *financed by*: Secretaria Nacional de Ciencia, Tecnologia e Innovacion (SENACYT)
  - *name and address of scientific mentor*: Dr Aaron O’Dea, Smithsonian Tropical Research Institute, Center for Tropical Paleocology and Archeology, Calle Gorgas, Edificio 245, Balboa, Ankon, Box 0843-03092, Panama City, Republic of Panama
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- *time*: September 2006
  - *position*: visiting scientist
  - *name and place of the institution*: Laboratory of Systematics and Evolution, Division of Biological Sciences, Graduate School of Science, Hokkaido University, Japan
  - *financed by*: Center of Excellence Program on Neo-Science of Natural History (COE)
  - *name and address of scientific mentor*: Professor Dr Shunsuke F. Mawatari, Systematics and Evolution, Division of Biological Sciences, Graduate School of Science, Hokkaido University, Sapporo 060-0810, Japan
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- *time*: September 2005–present time
  - *position*: Associate Professor at the Department of Invertebrate Zoology
  - *name and place of institution*: Faculty of Biology & Soil Science, Saint Petersburg State University, Saint Petersburg, Russia
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- *time*: July 2005–September 2005
  - *position*: visiting scientist
  - *name and place of the institution*: Laboratory of Systematics and Evolution, Division of Biological Sciences, Graduate School of Science, Hokkaido University, Japan
  - *financed by*: Center of Excellence Program on Neo-Science of Natural History (COE)
  - *name and address of scientific mentor*: Professor Dr Shunsuke F. Mawatari, Systematics and Evolution, Division of Biological Sciences, Graduate School of Science, Hokkaido University, Sapporo 060-0810, Japan
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- *time*: May 2003–April 2005
  - *position*: postdoctoral researcher

- *name and place of the institution*: Institut für Paläontologie, Geozentrum, Universität Wien, Austria
  - *financed by*: Lise Meitner Foundation, Fonds zur Förderung der wissenschaftlichen Forschung
  - *name and address of scientific mentor*: Professor Dr Norbert Vávra, Institut für Paläontologie, Geozentrum, Universität Wien, Althanstrasse 14, A-1090 Vienna, Austria
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- *time*: August 2002–October 2002
  - *position*: visiting scientist
  - *name and place of the institution*: Department of Palaeontology, The Natural History Museum, London, Great Britain
  - *financed by*: SYS-Resource grant at the Natural History Museum
  - *name and address of scientific mentor*: Dr Paul D. Taylor, Department of Palaeontology, The Natural History Museum, Cromwell Road, SW7 5PB London, Great Britain
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- *time*: October 2000–November 2002
  - *position*: postdoctoral researcher
  - *name and place of the institution*: Institut für Geowissenschaften, Christian-Albrechts-Universität zu Kiel, Germany
  - *financed by*: Alexander von Humboldt Foundation
  - *name and address of scientific mentor*: Professor Dr. Priska Schäfer, Institut für Geowissenschaften, Christian-Albrechts-Universität zu Kiel, Olshausenstrasse 40, D-24118, Kiel, Germany
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- *time*: September 2000–May 2005
  - *position*: doctorant at the Department of Invertebrate Zoology
  - *name and place of institution*: Faculty of Biology & Soil Science, Saint Petersburg State University, Russia
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- *time*: May 1999–September 1999
  - *position*: intern
  - *name and place of the institution*: Newfound Harbour Marine Institute & Seacamp Association, Inc., Florida, USA
  - *financed by*: Special American Business Internship Program
  - *name and address of scientific mentor*: Dr. William A. Tyler III, Newfound Harbour Marine Institute, 1300 Big Pine Avenue, Big Pine Key, FL 33043, USA
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- *time*: October 1998–September 2000
  - *position*: Assistant Research Professor at the Department of Invertebrate Zoology
  - *name and place of institution*: Faculty of Biology & Soil Science, Saint Petersburg State University, Russia
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- *time*: May 1997–April 1998
  - *position*: postdoctoral researcher
  - *name and place of the institution*: Zoological Museum, University of Copenhagen, Denmark
  - *financed by*: Danish National Science Research Council
  - *name and address of scientific mentor*: Professor, Dr. Claus Nielsen, Zoological Museum,

University of Copenhagen, Universitetsparken 15, DK-2100, Copenhagen Ø, Denmark

- *time*: February 1996–July 1996
- *position*: visiting scientist
- *name and place of institution*: Zoological Museum, University of Copenhagen, Denmark
- *financed by*: Higher Education Committee of Russian Federation
- *name and address of scientific mentor*: Professor, Dr. Claus Nielsen, Zoological Museum, University of Copenhagen, Universitetsparken 15, DK-2100, Copenhagen Ø, Denmark
  
- *time*: February 1992–September 1998
- *position*: technician (laboratory assistant) at the Department of Invertebrate Zoology
- *name and place of institution*: Faculty of Biology & Soil Science, Saint Petersburg State University, Russia
  
- *time*: September 1992–October 1995
- *position*: post-graduate student
- *name and place of institution*: Faculty of Biology & Soil Science, Saint Petersburg State University, Russia
  
- *time*: October 1990–September 1991
- *position*: hydrobiologist (36th Soviet Antarctic Expedition)
- *name and place of institution*: Arctic & Antarctic Scientific Research Institute, Saint Petersburg, Russia
  
- *time*: September 1987–October 1990, September 1991–May 1992
- *position*: student
- *name and place of institution*: Faculty of Biology & Soil Science, Saint Petersburg State University, Russia
  
- *time*: May 1986–June 1987
- *position*: railway worker
- *name and place of institution*: industrial complex “Barrikady”, Volgograd, Russia
  
- *time*: October 1983–August 1984
- *position*: military service
- *name and place of institution*: border rangers, Nakhchivan, Azerbaijan
  
- *time*: September 1982–October 1983, September 1984–December 1985
- *position*: student
- *name and place of institution*: Faculty of Biology & Geography, Volgograd State Pedagogical Institution (Teachers’ Training College), Volgograd, Russia

### ***Honours and Awards:***

2011 Academician A.V. Ivanov Prize of the Russian Academy of Sciences for the monograph “Evolution of the sexual reproduction in the bryozoan order Cheilostomata (Gymnolaemata)”. Saint Petersburg State University.

2007 Saint Petersburg Society of Naturalists Award for the monograph “Viviparity in Plants and Animals: Invertebrates and Lower Chordates” (in co-authorship). Saint Petersburg State University.

1986 Honours Degree Diploma, Volgograd State Pedagogical Institution (Teachers’ Training College)

1985 2<sup>nd</sup> Prize in the Regional Students’ Competition in Geography (Saratov)

1985 1<sup>st</sup> Prize in the Regional Students’ Competition in Biology (Astrakhan’)

### ***Scholarships & Fellowships:***

2013 Mobility Fellowship of the French National Research Agency (CNRS): Labex OT-Med grant ANR-11-LABX-0061, through A\*MIDEX grant ANR-11-IDEX-0001-02 (6.000,- €)

2006 Research Fellowships of the Center of Excellence Program on Neo-Science of Natural History (COE), Japan (8.578,- U\$)

2005 Research Fellowships of the Center of Excellence Program on Neo-Science of Natural History (COE), Japan (14.158,- U\$)

2003-2005 Fellowship (postdoctoral) of the Lise Meitner Foundation, Austria: M0700-B06 “Fossil brooders and modern reproductive strategies: the origin and early evolution of parental care in cheilostome bryozoans” (123.780,- €)

2000-2002 Fellowship (postdoctoral) of the Alexander von Humboldt Foundation, Germany: “Evolution of reproductive patterns in cheilostomatide Bryozoa: oogenesis, fertilization and brooding” (63.900,- €)

1999 SABIT (Special American Business Internship Program), USA (5.700,- U\$)

1998 Otto Kinne Foundation Fellowship, Germany (2.000,- DM)

1996 Scholarship (postdoctoral) of the Higher Education Committee of Russian Federation for scientific work abroad, Denmark (4.500,- U\$)

1995 Soros’ Postgraduate Student Scholarship, Russia (2.000,- U\$)

1991-1992 Saint Petersburg State University Personal Stipendship, Russia (400,- U\$)

1986 Lenin’s Stipendship (Volgograd State Pedagogical Institution), Russia

### ***Grants:***

2016 Saint Petersburg State University, research grant 1.42.1099.2016 to prepare and conduct complex expedition to study the evolutionary aspects of the establishment of the marine invertebrate biodiversity (in a frame of the projects 1.38.253.2014 and 1.38.233.2015) (6.500,- €)

2016-recent Russian Foundation for Basic Research, stand-alone project 16-04-00243-a “Evolution of oogenesis in marine colonial epibionts (Bryozoa, Gymnolaemata)” (16.900, - €)

2015-recent Austrian Science Fund (Fonds zur Förderung der wissenschaftlichen Forschung), stand-alone project P27933-B29 “Evolution of viviparity and polyembryony in Cyclostomata” (352.665, - €)

2015 Saint Petersburg State University, research grant 1.42.1493.2015 to prepare and conduct complex expedition to study the evolutionary aspects of the establishment of the marine invertebrate biodiversity (in a frame of the projects 1.38.253.2014 and 1.38.233.2015) (20.150,- €)

2015-recent Saint Petersburg State University, research grant 1.38.233.2015 “Phylum

- Bryozoa as a model for research on the origins and evolution of placental incubation in animals” (2015: 36.400,- €; 2016: 13.000,- €)
- 2014 Marine Alliance for Science and Technology in Scotland (Post-doctoral and Early Career Research Exchange) grant 9 “Techniques for investigating the life history of *Schizoporella japonica*: a unique and troublesome non-native fouler” (750 £)
- 2014 Russian Foundation for Basic Research, expedition grant 14-04-10082-к to study co-evolution and integration of the protective skeletal structures in marine ascophoran bryozoans (Gymnolaemata, Cheilostomata) (7.100,- US\$)
- 2013 Russian Foundation for Basic Research, expedition grant 13-04-10145-к to study co-evolution and integration of the protective skeletal structures in marine ascophoran bryozoans (Gymnolaemata, Cheilostomata) (7.100,- US\$)
- 2013-2015 Russian Foundation for Basic Research, stand-alone project 13-04-00758-a “Co-evolution and integration of the protective skeletal structures in marine ascophoran bryozoans (Gymnolaemata, Cheilostomata)” (25.200,- US\$)
- 2013 Russian Foundation for Basic Research, expedition grant 13-04-10145-к to study co-evolution and integration of the protective skeletal structures in marine ascophoran bryozoans (Gymnolaemata, Cheilostomata) (7.100,- US\$)
- 2012 Russian Foundation for Basic Research, expedition grant 12-04-10118-к to study anatomy, ultrastructure and evolution of the placental analogues in marine and freshwater bryozoans (Bryozoa: Gymnolaemata and Phylactolaemata) (4.000,- US\$)
- 2011 Rufford Small Grants Foundation, grant 9669-2 “Freshwater pearl mussels on the edge” (5.955,- €)
- 2011 Russian Foundation for Basic Research, expedition grant 11-04-10028-к to study anatomy, ultrastructure and evolution of the placental analogues in marine and freshwater bryozoans (Bryozoa: Gymnolaemata and Phylactolaemata) (4.000,- US\$)
- 2011 Smithsonian Marine Science Network Award, grant FY11 “Investment in sex in Caribbean cupuladriid bryozoans” (14.754,- US\$)
- 2010-2013 Austrian Science Fund (Fonds zur Förderung der wissenschaftlichen Forschung), stand-alone project P22696-B17 “Evolution of matrotrophy and placental analogues in Bryozoa” (288.584,- €)
- 2010 Alexander von Humboldt Foundation, equipment donation (19.862,- €)
- 2010 Russian Foundation for Basic Research, expedition grant 10-04-10089-к to study anatomy, ultrastructure and evolution of the placental analogues in marine and freshwater bryozoans (Bryozoa: Gymnolaemata and Phylactolaemata) (4.000,- US\$)
- 2010-2012 Russian Foundation for Basic Research, stand-alone project 10-04-00085-a “Comparative anatomy, ultrastructure and evolution of the placental analogues in marine and freshwater bryozoans (Bryozoa: Gymnolaemata and Phylactolaemata)” (30.000,- US\$)
- 2009 Russian Foundation for Basic Research, expedition grants 09-04-10077-к to study structure, development and functioning of brood chambers in the bryozoan superfamily Microporoidea (Bryozoa, Cheilostomata) (4.000,- US\$)
- 2008 Russian Foundation for Basic Research, publication grants 08-04-07033-д and 08-04-02000-э-д, monograph title “Evolution of the sexual reproduction in the bryozoan order Cheilostomata (Gymnolaemata)” (9.000,- US\$)
- 2008 Russian Foundation for Basic Research, expedition grant 08-04-10011-к to study structure, development and functioning of brood chambers in the bryozoan superfamily Buguloidea (Bryozoa, Cheilostomata) (4.000,- US\$)
- 2007-2009 Austrian Science Fund (Fonds zur Förderung der wissenschaftlichen Forschung),

- stand-alone project P19337-B17 “Global change, biodiversity and Paratethyan faunal interchanges: a case study using bryozoans with different larval strategies” (240.804,- €)
- 2007 SENACYT (Secretaria Nacional de Ciencia, Tecnologia e Innovacion, Republic of Panama) and the Smithsonian Tropical Research Institute, grant for advanced course of histological techniques in marine animals (9.440,- U\$)
- 2007 Russian Foundation for Basic Research, expedition grant 07-04-10046-к to study structure, development and functioning of brood chambers in the bryozoan suborder Flustrina (Bryozoa, Cheilostomata) (3.330,- U\$)
- 2007-2009 Russian Foundation for Basic Research, stand-alone project 07-04-00928-a “Comparative-anatomical study of brood chambers in the bryozoan suborder Flustrina (Cheilostomata): structure, development and evolutionary trends” (26.000,- U\$)
- 2004 Russian Foundation for Basic Research, publication grant 04-04-62039-д, book title “Viviparity in plants, invertebrates and chordates” (7.300,- U\$)
- 2002 Sys-Resource Grant at the Natural History Museum, London, “Origin and early evolution of brooding in cheilostome Bryozoa” (4.200,- £)
- 2001 Deutsche Forschungsgemeinschaft, grant Scha 355/20-1 “Brutkammern (Ovicellen) der Cheilostomatida (Bryozoa)” (1.600,- €)
- 2000 Systematics Association, educational project “Phylogenetic system: theory and practice” (900,- £)
- 1999-2003 Russian Federal Program “World Ocean: Investigation of Antarctic”, project “Antarctic biota: complex research. Comparative studies on anatomy and reproductive patterns of Antarctic cheilostomatide bryozoans” (100,- U\$)
- 1999 Personal grant (postdoctoral) for young researchers of Saint Petersburg Institutions “Ovicell anatomy and development in Calloporidae and Cribrimorpha (Bryozoa: Cheilostomata)” (100,- U\$)
- 1997-1998 Danish National Science Research Council, stand-alone project 9600682 in evolutionary zoomorphology “Studies on the ovicells structure in cheilostome bryozoans” (393.169,- DKK)
- 1997 Lerner-Gray Fund for Marine Research (American Museum of Natural History), personal grant “Taxonomy and variability of Antarctic cyclostomate bryozoans” (800,- U\$)
- 1996 Personal grant (postdoctoral) for young researchers of Saint Petersburg Institutions “Taxonomy and variability of Antarctic cyclostomate bryozoans” (100,- U\$)
- 1995 Personal grant for postgraduate students of Saint Petersburg Institutions “Taxonomy of Antarctic cyclostomate bryozoans” (100,- U\$)
- 1994 Lerner-Gray Fund for Marine Research (American Museum of Natural History), personal grant “Taxonomy of Antarctic cyclostomate bryozoans” (820,- U\$)
- 1993 George Soros International Scientific Foundation, personal grant for research on biodiversity (500,- U\$)

***Participation in conferences and workshops:***

- 2016 3<sup>rd</sup> All-Russian and International Conference and School for Young Scientists and Students dedicated to the 110<sup>th</sup> anniversary of academician A.V. Ivanov “Modern Problems of Evolutionary Morphology of Animals”. Zoological Institute of the Russian Academy of Sciences, Saint Petersburg, Russia (oral presentation «Larval musculature in gymnolaemate Bryozoa» by Kotenko O.N. (speaker), Kutyumov V.A. & Ostrovsky A.N.;



- oral presentation “Placental analogue in *Celleporella hyalina*: development, structure, functioning” by Nekliudova U.A. (speaker) & Ostrovsky A.N.; oral presentation “Comparative analysis of the nervous system of autozoid and avicularium in cheilostome bryozons” by Serova K.M. (speaker), Vishnyakov A.E., Ostrovsky A.N. & Zaytseva O.V.; oral presentation “Comparative characterization of oogenesis in Cheilostomata” by Shevchenko E.T. (speaker) & Ostrovsky A.N.); oral presentation “An updated molecular phylogeny of Bryozoa” by Waeschenbach A. (speaker), Gordon D.P., Jenkins H., Batson P.B., Smith A.M., Kotenko O.N., Ostrovsky A.N., Glover A.G., Wiklund H. & Taylor P.D.
- 2016 XI East European Conference of the International Society for Invertebrate Neurobiology, Biological Station of the Moscow State University, Zvenigorod, Russia (poster presentation “Comparative neuromorphology of autozoid and avicularium in the cheilostome Bryozoa: example of *Arctonula arctica*”, by Serova K.M., Vishnyakov A.E., Zaytseva O.V. & Ostrovsky A.N.)
- 2016 Workshop and 17<sup>th</sup> Conference of the International Bryozoology Association, Melbourne Museum, Australia (oral presentation “Cyclostome sexual reproduction”, by Ostrovsky A.N. (speaker) & Nekliudova U.A.; oral presentation “Ecology, evolution and distribution of bathyal bryozoans in the NE Atlantic – a midterm assessment”, by Berning B. (speaker), Souto J., Reverter-Gil O., Ostrovsky A.N. & Harmelin J.-G.; oral presentation “Bryozoan life-histories in the White Sea”, by Nekliudova U.A., Shevchenko E.T., Shunkina K.V., Kotenko O.N. & Ostrovsky A.N. (speaker); oral presentation “Dynamics of the sexual structure and oogenesis in four boreal-arctic cheilostome bryozoans”, by Shevchenko E.T., Nekliudova U.A., Kotenko O.N. & Ostrovsky A.N. (speaker); “Comparative neuroanatomy of avicularia – polymorphic zooids of cheilostomate Bryozoa”, by Serova K.M., Vishnyakov A.E., Kotenko O.N. & Ostrovsky A.N. (speaker); oral presentation “An updated molecular phylogeny of Bryozoa”, co-authored by Waeschenbach A. (speaker), Gordon D.P., Jenkins H., Batson P.B., Smith A.M., Kotenko O.N., Ostrovsky A.N., Glover A.G., Wiklund H., Taylor P.D.) (travel grant of the Saint-Petersburg State University: 860,- €)
- 2015 14<sup>th</sup> Deep Sea Biology Symposium. Universidade de Aveiro, Aveiro, Portugal (oral presentation “Bathyal bryozoans from NE Atlantic seamounts and islands: biogeography, ecology and evolution”, by Berning B. (speaker), Souto J., Reverter-Gil O., Ostrovsky A.N. & Harmelin J.-G.)
- 2014 XII Larwood Symposium the International Bryozoology Association, Polish Oceanographic Institute, Sopot, Poland (oral presentation “Dynamics of sexual reproduction in the cheilostome bryozoan *Cribrilina annulata* in the Chupa Inlet (Kandalaksha Bay, White Sea)”, by Nekliudova U.A. (speaker), Shunkina K.V. & Ostrovsky A.N.; oral presentation “Life history of *Callopora craticula* (Cheilostomata, Gymnolaemata) in the Chupa Inlet (Kandalaksha Bay, White Sea)”, by Shevchenko E.T. (speaker), Nekliudova U.A., Kotenko O.N. & Ostrovsky A.N.; oral presentation “Preliminary data on microanatomy and ultrastructure of avicularia in five cheilostome bryozoans”, by Kalinich K.M. (speaker), Vishnyakov A.E., Kotenko O.N. & Ostrovsky A.N.; oral presentation “Comparing sexual reproduction in two Mediterranean bryozoans *Myriapora truncata* and *Adeonella calveti*: preliminary results”, by Ostrovsky A.N. (speaker), Nekliudova U.A., Shevchenko E.T. & Ereskovsky A.V.)
- 2014 3<sup>rd</sup> International Congress on Invertebrate Morphology, Natural History Museum, Humboldt University, Berlin, Germany (oral presentation “Origin and diversity of non-feeding larvae in the bryozoan class Gymnolaemata”, by Kotenko O.N. (speaker) &

- Ostrovsky A.N.; oral presentation “How many times has matrotrophy evolved in animals?” by Ostrovsky A.N. (speaker), Lidgard S., Gordon D.P., Schwaha T. & Ereskovsky A.V.; poster “New data on the nervous system of freshwater bryozoans”, by Shunkina K.V., Starunov V.V., Zaitseva O.V. & Ostrovsky A.N.) (travel grant of the Saint Petersburg State University: 825,- €)
- 2014 49th European Marine Biology Symposium, Zoological Institute, Russian Academy of Sciences, Saint Petersburg, Russia (oral presentation “Predator-prey relationships at bathyal depths: a case study using cheilostome bryozoans”, by Berning B. (speaker), Souto J., Reverter-Gil O. & Ostrovsky A.N.; oral presentation “Life cycle and gametogenesis of the cheilostome bryozoan *Cribrilina annulata* (Gymnolaemata) on the substrata with different longevity in the White Sea”, by Shunkina K.V. (speaker), Nekliudova U.A. & Ostrovsky A.N.; poster “First data on the sexual reproduction in the Mediterranean cheilostome bryozoans *Myriapora truncata* and *Adeonella calveti*”, by Nekliudova U.A., Shevchenko E.T., Ereskovsky A.V. & Ostrovsky A.N.; poster “Life history of *Callopora craticula* (Cheilostomata, Gymnolaemata) in Chupa Inlet (Kandalaksha Bay, White Sea)”, by Shevchenko E.T., Nekliudova U.A., Kotenko O.N. & Ostrovsky A.N.)
- 2013 16<sup>th</sup> Conference of the International Bryozoology Association, University of Catania, Italy (invited seminar “Ovicells in cheilostome Bryozoa: morphology, taxonomy and systematics”; plenary talk “How many times has embryonic incubation evolved in Bryozoa?”; oral presentation “Larval types in Gymnolaemata: their diversity and evolution”, by Kotenko O.N. (speaker) & Ostrovsky A.N.; oral presentation “Diversity of reproductive patterns in the genus *Bugula* (Bryozoa, Cheilostomata) and its evolutionary implications”, by Moosbrugger M. (speaker), Schwaha T. & Ostrovsky A.N.; oral presentation “Extraembryonic nutrition in Ctenostomata and Phylactolaemata”, Schwaha T. (speaker), Moosbrugger M. & Ostrovsky A.N.; oral presentation “Serotonergic and FMRF-amide-ergic elements in the nervous system of three freshwater bryozoans”, co-authored by Shunkina K.V. (speaker), Starunov V.N., Zaitseva O.V. & Ostrovsky A.N.; oral presentation “Analysis of an antimicrobial activity in a marine bryozoan”, by Maltseva A.L. (speaker), Kotenko O.N. & Ostrovsky A.N.; oral presentation “First record of bryozoans from Iran (Qeshm Island, Persian Gulf)”, by Mohammadpour S. (speaker), Berning B., Ostrovsky A.N., Cáceres-Chamizo J.P. & Rahimian H.; oral presentation “What, is anything, is a lyrula?”, by Berning B., Tilbrook K.J. & Ostrovsky A.N. (speaker); oral presentation “Bryozoans from Atlantic Iberian seamounts: preliminary results from the Galicia Bank”, by Souto-Derungs J. (speaker), Berning B., Reverter-Gil O. & Ostrovsky A.N.; oral presentation “Bryozoan images in the works of early naturalists: Rondelet, Imperato, Ellis and others” by Ostrovsky A.N.)
- 2013 2<sup>nd</sup> BioSyS.EU meeting “Global Systematics!”, University of Vienna, The Natural History Museum, Vienna (oral presentation “Evolution of colonial animals: towards a “superorganism”; oral presentation “Intraorganismal phenotypic variability and polymorphism: bryozoans as model organisms for evolutionary studies”, by Berning B. (speaker) & Ostrovsky A.N.)
- 2012 International Meeting on Biology and Conservation of Freshwater Bivalves, School of Agriculture, Polytechnic Institute of Bragança, Bragança, Portugal (oral presentation “Rediscovery of the freshwater pearl mussel (*Margaritifera margaritifera*) populations within the territory of the Baltic Sea basin in Russia”, by Popov I.Yu. (speaker) & Ostrovsky A.N.)
- 2012 XI Larwood’s Symposium, Department of Geological Sciences, Masaryk University,

Brno, Czech Republic (oral presentation “Bryozoan images in the works of early naturalists: Rondelet, Imperato, Ellis and others”; oral presentation “Diversity of *Exechonella* Duvergier, 1924 in the tropical seas”, by Cáceres-Chamizo J.P. (speaker) & Ostrovsky A.N.; oral presentation “The placental analogue and the pattern of oogenesis in the cheilostome bryozoan *Bicellariella ciliata*”, by Moosbrugger M. (speaker), Schwaha T., Walzl M. & Ostrovsky A.N.; oral presentation “New data on the nervous system of three phylactolaemate species: *Cristatella mucedo*, *Plumatella repens* and *Fredericella sultana*”, by Shunkina K.V. (speaker), Starunov V.N. & Ostrovsky A.N.; oral presentation “Often used but ill-defined: what is a lyrula?”, by Berning B. (speaker), Tilbrook K.J. & Ostrovsky A.N.; oral presentation “Placental nourishment in the genus *Bugula* (Bryozoa, Cheilostomata)”, by Schwaha T. (speaker), Moosbrugger M. & Ostrovsky A.N.)

- 2011 School for Young Scientists and Students “Modern Problems of Evolutionary Morphology of Animals” dedicated to the 105<sup>th</sup> anniversary of academician A.V. Ivanov. Zoological Institute of the Russian Academy of Sciences, Saint Petersburg, Russia (invited lecture “Matrotrophy and its supplying structures in invertebrates: distribution, morpho-functional peculiarities, evolution”)
- 2011 2<sup>nd</sup> All-Russian and International Conference dedicated to the 105<sup>th</sup> anniversary of academician A.V. Ivanov “Modern Problems of Evolutionary Morphology of Animals”. Zoological Institute of the Russian Academy of Sciences, Saint Petersburg, Russia (oral presentation “Ultrstructure of the placental analogue in ctenostome bryozoan *Zoobotryon verticillatum* (Delle Chiaje, 1828) (Gymnolaemata)”, by Ostrovsky A.N. (speaker) & Schwaha T.)
- 2011 International workshop on Bryozoa, University of the Azores, Ponta Delgada, Saõ Miguel Island, Azores, Portugal (invited course of lectures “Life in a colony: an introduction to the Bryozoa”, by Ostrovsky A.N. & Berning B.) (travel grant of University of the Azores: 1500,- €)
- 2011 All-Russian Conference “Modern Problems of Biological Systematics”, Zoological Institute of the Russian Academy of Sciences, Saint Petersburg, Russia (oral presentation “Palaeontological record and problems of systematics and phylogeny exemplified by bryozoans”)
- 2011 X Larwood’s Symposium, University of Santiago de Compostell (oral presentation “Brooding and maternal provisioning in ctenostome bryozoans”, by Schwaha T. (speaker), Moosbrugger M. & Ostrovsky A.N.)
- 2011 2<sup>nd</sup> International Congress on Invertebrate Morphology, Cambridge, USA (oral presentation “Structure of placental analogues in the phylum Bryozoa”, by Schwaha T. (speaker), Moosbrugger M. & Ostrovsky A.N.)
- 2010 Workshop and 15<sup>th</sup> Conference of the International Bryozoology Association, Institut für Geowissenschaften, Christian-Albrechts-Universität zu Kiel, Germany (plenary talk “Extraembryonic nutrition and placental analogues in cheilostome Bryozoa”) (travel grant of the Alexander von Humboldt Foundation: 900,- €)
- 2010 1<sup>st</sup> Alexander Becker Readings, Volgograd State University, Russia (oral presentation “Independent evolution of the placental analogues in Bryozoa”)
- 2010 LVI Meeting of the Paleontological Society “Evolution of the Organic World and Biotic Crises”, All-Russian Science-Research Geological Institute, Russian Academy of Sciences, Saint Petersburg, Russia (oral presentation “Late Cretaceous radiation of cheilostome bryozoans (Gymnolaemata) and its possible reasons”)

- 2009 Bryozoan taxonomy workshop, Sven Lovén Centre for Marine Science, Kristineberg, Sweden (travel grant of the University of Gothenburg: 400,- €)
- 2009 IX Larwood's Symposium, University of Oslo, Norway (oral presentation "Bryozoan collections from the Red Sea, Maldives and Oman: current progress in identification", by Cáceres J.P. (speaker), Vávra N. & Ostrovsky A.N.)
- 2008 1<sup>st</sup> International Congress on Invertebrate Morphology, Zoological Museum, Copenhagen, Denmark (oral presentation "Repeated evolution of placental analogues in Bryozoa")
- 2008 VIII Larwood's Symposium, University of Vienna, Austria (oral presentation "Field works on the Maldive Islands: preliminary results")
- 2007 International Symposium "Origin and Evolution of Natural Diversity", Hokkaido University, Sapporo, Japan (oral presentation "Mid-Cretaceous cheilostome Bryozoa: state of research and perspectives for research in Japan") (travel grant of the Center of Excellence Program on NeoScience of Natural History (COE), Japan: 5.070,- US\$)
- 2007 14<sup>th</sup> Conference of the International Bryozoology Association, Appalachian State University, Boone, USA (oral presentation "Cheilostome brood chambers: diversity, revised terminology and evolutionary trends")
- 2007 VII Larwood's Symposium, Università degli Studi di Napoli Federico II, Napoli, Italy (oral presentation "External versus internal and self- versus cross-fertilization in Bryozoa: transformation of the view")
- 2006 1<sup>st</sup> International Conference dedicated to the 100<sup>th</sup> Birthday of the academician A.V. Ivanov "Problems of the Evolutionary Morphology of Animals", Zoological Institute of Russian Academy of Sciences, Saint Petersburg, Russia (oral presentation "Early stages in the ovicell evolution in cheilostome bryozoans")
- 2006 77<sup>th</sup> Annual Meeting of the Zoological Society of Japan, Shimane University, Matsue, Japan (oral presentation "Main trends in the evolution of ovicells in Cheilostomata (Bryozoa: Gymnolaemata)", by Ostrovsky A.N. (speaker) & Mawatari S.F.)
- 2006 VII Scientific session of the Marine Biological Station, Saint Petersburg State University, Saint Petersburg, Russia (oral presentation "Main stages in the evolution of the sexual reproduction of the cheilostome bryozoans (Gymnolaemata)")
- 2005 Alexander von Humboldt-Kolleg Conference "Technologies of the 21<sup>st</sup> Century: Biological, Physical, Informational and Social Aspects", Pavlov Institute of Physiology, Russian Academy of Sciences, Saint Petersburg, Russia (oral presentation "Maldivian coral reefs: five years after disaster", by Ostrovsky A.N. (speaker) & Kikinger R.)
- 2004 13<sup>th</sup> Conference of the International Bryozoology Association, Universidad de Concepción & Universidad Católica de la Santísima Concepción, Chile (oral presentation "Brood chambers constructed from spines and costae in cheilostome bryozoans", by Ostrovsky A.N. (speaker) & Taylor P.D.)
- 2003 Meeting of the International Society for the History, Philosophy, and Social Studies of Biology, Konrad Lorenz Institute & University of Vienna, Austria
- 2003 1<sup>st</sup> Austrian Reef Workshop, Institut für Paläontologie, Geozentrum, Universität Wien, Austria
- 2001 12<sup>th</sup> Conference of the International Bryozoology Association, Trinity College, University of Dublin, Republic of Ireland (oral presentations "Brood chambers in cribrimorphs evolved by fusion of costae: further arguments", "Historical review on individual autozooidal behaviour and feeding mechanisms in Bryozoa", by Ostrovsky A.N. (speaker), Shunatova N.N. & Antipenko I.I.) (travel grant of the of the Alexander

- von Humboldt Foundation: 700,- €)
- 2001 2<sup>nd</sup> Annual Bryozoan Workshop, Institute of Marine Biology, National Taiwan Ocean University, Keelung, People Republic of China (invited lecture “Patterns of sexual reproduction in marine bryozoans”) (travel grant of the National Taiwan Ocean University: 1.000,- US\$)
- 1998 11<sup>th</sup> Conference of the International Bryozoology Association, Smithsonian Tropical Research Institute, Panama City, Republic of Panama (poster “Comparative studies of ovicell anatomy and reproductive patterns in *Cribrilina annulata* and *Celleporella hyalina* (Bryozoa: Cheilostomatida)”)
- 1997 Russian and International Bryozoological Conference “Bryozoa of the World”, Zoological Institute of the Russian Academy of Sciences and Saint Petersburg State University, Saint Petersburg, Russia (oral presentation “Variability of ooeciostome shape and position in Antarctic idmidroniform bryozoans (Bryozoa: Tubuliporida)”)
- 1994 Russian and International Bryozoological Conference “Fossil and Living Bryozoa of the Globe”, Perm State University, Perm, Russia (oral presentation “Some new data on anatomy and ovicellogenesis in two cheilostome bryozoans - *Scropocellaria scabra* and *Callopora aurita* from the White Sea”, by Ostrovsky A.N. (speaker) & Lobastova E.V.)

***Memberships:***

- since 2008 – International Society of Invertebrate Morphology  
 since 1992 – Saint Petersburg Society of Naturalists  
 since 1991 – International Bryozoology Association (1998–2004 - Council member)

***Working visits:***

- 2015 Interuniversity Institute for Marine Sciences, Eilat, Israel  
2015 Sven Lovén Centre for Marine Science, Kristineberg, Sweden  
2012 Lizard Island Research Station, Australian Museum, Australia  
2011 Bocas del Toro Research Station, Smithsonian Tropical Research Institute, Republic of Panama  
2010 Center for Marine Research (Ruder Bosovich Institute), Rovinj, Croatia  
2009 Sven Lovén Centre for Marine Science, Kristineberg, Sweden  
2009 Forschungsinstitut Senckenberg, Frankfurt am Main, Germany  
2009 Sultan Qaboos University, Muscat, Oman  
2008, 2013, 2014 Station Marine d’Endoume, Centre d’Océanologie de Marseille, France  
2008, 2011 Marine Laboratory, Vabbinfary Island, North Male Atoll, Maldives  
2007, 2011 Smithsonian Tropical Research Institute, Balboa, Republic of Panama  
2007 Kumamoto University, Kumamoto, Japan  
2007 Anton Dohrn Zoological Station, Neapol, Italy  
2006 Sesoko Marine Biological Station, Tropical Biosphere Research Centre, Ryukyu University, Okinawa, Japan  
2005 Akkeshi Marine Biological Station, Hokkaido University, Japan  
2005 Oshoro Marine Biological Station, Hokkaido University, Japan  
2005 Marine Biological Station, Kuramathi Island, Rashdu Atoll, Maldives  
2002 Sedgwick Museum, Department of Earth Sciences, Cambridge University, United Kingdom

- 2002 School of Biological Sciences, University of Wales (Bangor), Great Britain  
2001 National Institute of Atmospheric & Water Research, Wellington, New Zealand  
2001 Museum Victoria, Melbourne, Australia  
2001 Deakin University, Melbourne, Australia  
1998 Marine Biological Station of the Smithsonian Tropical Research Institute, San Blas Islands, Republic of Panama  
1997 Marine Biological Station of the University of Copenhagen, FredericksHAVEN, Denmark

***Research expeditions & field works:***

- Tasmania, Southern Australia: April 2016*  
*Maldiv Islands, Waavu Atoll, Thinadhoo Island, Indian Ocean: February 2016*  
*Israel, Eilat, Red Sea: August 2015*  
*Sweden, Kristineberg, Baltic Sea: June 2015*  
*Indonesia, North Bali, Menjangan Island: January 2015*  
*France, Plane Island, Maire Island, Bay of Lyon, Mediterranean: 2013*  
*Colombia, Santander: June-August 2013*  
*Australia, Lizard Island, Coral Sea: 2012*  
*Panama, Bay of Mosquitoes, Archipelago Bocas del Toro, Caribbean Sea: 2011*  
*Sweden, Kristineberg, Baltic Sea: 2009*  
*Oman, Salalah: 2009*  
*France, Plane Island, Maire Island, Bay of Lyon, Mediterranean: 2008*  
*Maldiv Islands, North Malé Atoll, Wabbinfaru Island, Indian Ocean: 2008, 2011*  
*Panama, Archipelago Las Perlas, Pacific Ocean: 2007*  
*Japan, Goshoura Island, Kyushu Island: 2007*  
*USA, Coastal Plane: 2007*  
*Japan, Sesoko Island, Okinawa, East China Sea: 2006*  
*Japan, Hokkaido, Mikasa area: 2005-2007*  
*Japan, Hokkaido, Sea of Japan, Pacific Ocean: 2005*  
*Maldiv Islands, Ari Atoll, Kuramathi Island, Indian Ocean: 2005*  
*Chile, Pacific coast: 2004*  
*New Zealand, Southern Island, Pacific Ocean: 2001*  
*Northern Taiwan, East China Sea: 2001*  
*USA, Florida Keys, Caribbean Sea: 1999*  
*Panama, San Blas Islands, Caribbean Sea: 1998*  
*Panama, Taboga Island, Pacific Ocean: 1998*  
*Denmark, Jutland Peninsula, North Kattegat, Baltic Sea: 1997*  
*Russia, Western Ladoga area, Karelia: 1994-1995*  
*Antarctic seas (36th Soviet Antarctic Expedition): 1990-1991*  
*Russia, Kandalaksha Bay, White Sea: 1988-1989, 1993, 1996-1998, 2000, 2005-2007*  
*Russia, Lower Volga area: 1984-1985*

***Teaching:***

- 2014-present: Lecture course “Concepts in invertebrate zoology” (for Master students)  
1999-present: Lecture course “Life-cycles of invertebrates: reproductive biology and development” (for Master students)

- 1994-present: Lecture course “Individuality and coloniality in biology” (for Master students)
- 2002-present: Lecture course “Evolution and extinction of the coral reefs” (for Master students)
- 1992-2000: Lecture course “Tentaculata (Lophophorata)” (for undergraduate students)
- 1991-present: Laboratory classes in invertebrate zoology (for undergraduate students)
- 1989-1990, 1996-97: Laboratory classes in vertebrate zoology (for undergraduate students)
- 1989-present: Summer fieldwork for undergraduates in Marine Biology and Invertebrate Zoology
- 2007: Lecture course “Histological and other techniques used in comparative anatomy of microinvertebrates” (for undergraduate students)
- 2000-2007: Lecture course “Meiobenthos” (for Master students)

***Invited lectures, seminars and keynote/plenary talks:***

- 2016 Invited lectures during the Summer Course in Embryology of Marine Invertebrates, White Sea Biological Station, Lomonosov Moscow State University (Invertebrate life histories (parts 1-2), Reproduction and life cycles of Bryozoa (parts 1-2), Matrotrophy in invertebrates, Modern extinction of coral reefs, Introduction to Bryozoa).
- 2014 invited lecture “Matrotrophy and its providing structures in invertebrates: distribution, morpho-functional aspects, evolution”, Darwinian Seminar, Saint Petersburg State University, Russia
- 2013 invited lecture “Upper Cretaceous radiation of cheilostome bryozoans and its ecological background”, Faculty of Life Sciences, Aix-Marseille University, France
- 2013 invited lecture “Diversity of the life cycles and reproductive patterns in marine Bryozoa”, Station Marine d’Endoume, Centre d’Océanologie de Marseille, France
- 2013 invited seminar “Ovicells in cheilostome Bryozoa: morphology, taxonomy and systematics”, 16<sup>th</sup> Conference of the International Bryozoology Association, University of Catania, Italy
- 2013 plenary talk “How many times has embryonic incubation evolved in Bryozoa?” 16<sup>th</sup> Conference of the International Bryozoology Association, University of Catania, Italy
- 2011 invited lecture “Recent extinction of the coral reefs”, International science-practical conference “Experience in Making and Exploitation of Public Aquarian Complexes” Oceanarium, Saint Petersburg, Russia
- 2011 invited lecture “Coral reefs: lost paradise?”, Bioseminars at the Faculty of Biology & Soil Science, Saint Petersburg State University, Russia  
<http://bioseminars.wordpress.com/2011/12/31/ostrovski-coral-video/>
- 2011 invited talk “Matrotrophy and placentation in invertebrates – pan-metazoan example of convergent evolution”, A.O. Kowalewsky Readings, Saint Petersburg Society of Naturalists, Russia
- 2011 invited lecture “Matrotrophy and its supplying structures in invertebrates: distribution, morpho-functional peculiarities, evolution”, School for young scientists and students “Modern Problems of Evolutionary Morphology of Animals” dedicated to the 105<sup>th</sup> anniversary of academician A.V. Ivanov. Saint Petersburg, Zoological Institute of the Russian Academy of Sciences
- 2011 invited lecture course “Life in a Colony: Introduction to the Bryozoa”, University of the Azores, Portugal
- 2011 invited lecture “Matrotrophy and placental analogues in invertebrates: example of

- Bryozoa”, Bioseminars at the Faculty of Biology & Soil Science, Saint Petersburg State University, Russia [http://bioseminars.wordpress.com/\(zoology\)](http://bioseminars.wordpress.com/(zoology))
- 2010 invited talk “Morphoprocess and life-cycles of organisms” 55th Dogiel’s Readings, Zoological Institute of the Russian Academy of Sciences, Saint Petersburg
- 2010 plenary talk “Extraembryonic nutrition and placental analogues in cheilostome Bryozoa”, 15<sup>th</sup> Conference of the International Bryozoology Association, Institut für Geowissenschaften, Christian-Albrechts-Universität zu Kiel, Germany
- 2008 invited lecture “Recent extinction of the coral reefs”, Marine Laboratory, Vabbinfaru Island, Maldive Republic
- 2008 invited talk “Bryozoa or moss animals: diversity, importance and research perspectives”, Marine Research Centre, Ministry of Fisheries and Agriculture, Maldive Republic
- 2007 invited talk “Evolution of extraembryonic nutrition and placentas in Bryozoa”, 52th Dogiel’s Readings, Zoological Institute of the Russian Academy of Sciences, Saint Petersburg
- 2006 invited talk “Ovicells – a key evolutionary innovation in cheilostome explosive radiation”, Hokkaido University, Japan
- 2005 invited talk “Evolution of polymorphism in colonial animals: differentiation of the earliest avicularian polymorphs in the cheilostome bryozoan *Wilbertopora*”, Hokkaido University, Japan
- 2001 invited lecture “Patterns of sexual reproduction in marine bryozoans”, Institute of Marine Biology, National Taiwan Ocean University, Keelung, People Republic of China
- 2000 invited lecture “Life and death of the coral reef”, Leningrad Zoo, Saint Petersburg, Russia
- 2000, 2003 invited lecture “Life and death of the coral reef”, Saint Petersburg Palace of Youth, Russia

***Seminar talks and interviews:***

- 2015 “Matrotrophy in invertebrates: distribution, structure, evolution”, Department of Integrative Zoology, Universität Wien, Austria
- 2015 “Current state of the coral reefs around the Menjangan Island, National park Barat, north Bali: a preliminary survey”, Department of Palaeontology, Geozentrum, Universität Wien, Austria
- 2015 “Current state of the coral reefs around the Menjangan Island (National park Barat, Bali): videoexcursion”, Department of Invertebrate Zoology, Saint Petersburg State University, Russia
- 2014 “Comparing sexual reproduction in two Mediterranean bryozoans *Myriapora truncata* and *Adeonella calveti*: preliminary results”, Saint Petersburg State University, Russia
- 2014 “Comparing sexual reproduction in two Mediterranean bryozoans *Myriapora truncata* and *Adeonella calveti*: preliminary results”, Station Marine d’Endoume, Centre d’Océanologie de Marseille, France
- 2014 “From bryozoans to pliosaurs: field works in central Colombia”, Department of Palaeontology, Geozentrum, Universität Wien, Austria
- 2013 “From bryozoans to pliosaurs: field works in central Colombia”, Department of Invertebrate Zoology, Saint Petersburg State University, Russia
- 2013 “Current state of the reef-building corals near Lizard Island, Great Barrier Reef”, Oberösterreichische Landesmuseum, Linz, Austria



- 2013 “Current state of the reef-building corals near Lizard Island, Great Barrier Reef”, Department of Palaeontology, Geozentrum, Universität Wien, Austria
- 2012 “Bryozoan images in the works of early naturalists: Rondelet, Imperato, Ellis and others”, Laboratory of Marine Research, Zoological Institute of the Russian Academy of Sciences
- 2012 “Current state of the reef-building corals near Lizard Island, Great Barrier Reef”, Department of Invertebrate Zoology, Saint Petersburg State University, Russia
- 2012 “Bryozoan images in the works of early naturalists: Rondelet, Imperato, Ellis and others”, Department of Invertebrate Zoology, Saint Petersburg State University, Russia
- 2012 “Field works and palaeoecological studies in Panama”, Department of Palaeontology, Geozentrum, Universität Wien, Austria
- 2011 “Sex versus asex in cupuladriid bryozoans: diversity of patterns in two oceans”, Department of Invertebrate Zoology, Saint Petersburg State University, Russia
- 2011 “Matrotrophy and placentation: a pan-metazoan example of convergent evolution”, Barro Colorado Research Station, Smithsonian Tropical Research Institute, Republic of Panama
- 2011 “Extraembryonic nutrition and placental analogues in Bryozoa: searching for an evidence”, Department of Integrative Zoology, Universität Wien, Austria
- 2011 “Field works in Panama: first results on reproductive patterns of the free-living bryozoans”, Department of Palaeontology, Geozentrum, Universität Wien, Austria
- 2009 “Bryozoan collections from the Red Sea, Maldives and Oman: research in progress”, Department of Palaeontology, Geozentrum, Universität Wien, Austria
- 2009 “Mid-Cretaceous cheilostome Bryozoa: state of research and perspectives for research in Japan”, Department of Palaeontology, Geozentrum, Universität Wien, Austria
- 2008 “Evolution of polymorphism in colonial animals: differentiation of the earliest avicularian polymorphs in the cheilostome bryozoan *Wilbertopora*”, Institut für Paläontologie, Geozentrum, Universität Wien, Austria
- 2008 “Ovicells – a key evolutionary innovation in cheilostome explosive radiation”, Station Marine d’Endoume, Centre d’Océanologie de Marseille, France
- 2007 “Extraembryonic nutrition, placental analogues and evolution of new reproductive patterns in Bryozoa”, Smithsonian Tropical Research Institute, Republic of Panama
- 2007 “Evolution of polymorphism in colonial animals: differentiation of the earliest avicularian polymorphs in the cheilostome bryozoan *Wilbertopora*”, Smithsonian Tropical Research Institute, Republic of Panama
- 2005 “Evolution of polymorphism in colonial animals: differentiation of the earliest avicularian polymorphs in the cheilostome bryozoan *Wilbertopora*”, Kuramathi Biological Station, Maldives
- 2004 “Wild White Sea”, Institut für Paläontologie, Geozentrum, Universität Wien, Austria
- 2003 “Fossil brooders and modern reproductive patterns: the origin and early evolution of the parental care in cheilostome bryozoans”, Institut für Paläontologie, Geozentrum, Universität Wien, Austria
- 2002 “Fossil brooders and modern reproductive patterns: the origin and early evolution of the parental care in cheilostome bryozoans”, The Natural History Museum, London, Great Britain
- 2002 “Fossil brooders and modern reproductive patterns: the origin and early evolution of the parental care in cheilostome bryozoans”, School of Biological Sciences, University of Wales (Bangor), Great Britain
- 2001 Interview “Unknown Bryozoa”, Radio Victoria, Melbourne, Australia

- 2001 “Recent extinction of the coral reefs”, Institut für Geowissenschaften, Christian-Albrechts-Universität zu Kiel, Germany
- 1998 “Ovicell anatomy and reproductive patterns in *Cribrilina annulata* and *Celleporella hyalina* (Bryozoa: Cheilostomatida)”, Zoological Museum, University of Copenhagen, Denmark
- 1996 “Variability of reproductive structures in Antarctic idmidroniforms (Bryozoa, Tubuliporida)”, Zoological Museum, University of Copenhagen, Denmark

***Student supervision:***

- 2016-recent Nekliudova U.A. “Dynamics of sexual reproduction and embryonic incubation in marine bryozoans”, University of Vienna
- 2014-2016 Mathew M. PhD Thesis: “Symbiont dependent host reproduction in the marine bryozoan, *Bugula neritina*”. University of Atlanta (co-supervisor).
- 2016 Matvienko D.A., BSc Thesis: “Oogenesis of the cheilostome bryozoan *Terminoflustra membranaceotruncata* (Gymnolaemata) from the Chupa Inlet, White Sea”. Saint Petersburg State University
- 2015-recent Shevchenko E.T., PhD Thesis: “Comparative anatomical and ultrastructural study of oogenesis in cheilostome bryozoans”. Saint Petersburg State University
- 2015-recent Serova K.M., PhD Thesis “Evolution of zooidal polymorphism in cheilostome bryozoans: avicularia as an example”. Saint Petersburg State University
- 2010-2015 Shunkina K.V., PhD Thesis “Comparative neuromorphology of three freshwater bryozoans *Cristatella mucedo*, *Plumatella repens* and *Fredericella sultana* (Bryozoa, Phylactolaemata)”. Saint Petersburg State University
- 2015 Nekliudova U.A., MSc Thesis “Reproductive biology of *Cribrilina annulata* and *Celleporella hyalina* (Bryozoa: Cheilostomata) from the White Sea”. Saint Petersburg State University
- 2015 Shevchenko E.T., MSc Thesis: “Comparative study of the life-history and sexual reproduction in bryozoans with contrasting reproductive patterns”. Saint Petersburg State University
- 2015 Kalinitch K.M., MSc Thesis “Comparative anatomical and ultrastructural study of polymorphic zooids in cheilostome bryozoans”. Saint Petersburg State University
- 2013 Nekljudova U.A., BSc Thesis “Dynamics of sexual reproduction in cheilostome bryozoan *Cribrilina annulata* in the Chupa Inlet (Kandalaksha Bay, White Sea)”. Saint Petersburg State University
- 2013 Shevchenko E.T., BSc Thesis “Life history of *Callopora craticula* (Cheilostomata, Gymnolaemata) in Chupa Inlet (Kandalaksha bay, White Sea)”. Saint Petersburg State University
- 2013 Kalinitch K.M., BSc Thesis “Comparative myoanatomy of avicularia in five cheilostome bryozoans (Gymnolaemata)”. Saint Petersburg State University
- 2012 Moosbrugger M., MSc Thesis “The placental analogue and the pattern of sexual reproduction in the cheilostome bryozoan *Bicellariella ciliata* (Gymnolaemata)”. University of Vienna (co-supervisor)
- 2010-2011 Schwaha T., PhD Thesis “Asexual organogenesis and neuro-muscular system of basal bryozoans”. University of Vienna (co-supervisor)
- 2010 Shunkina K.V., MSc Thesis “Reconstruction of the life cycle of cheilostome bryozoan *Cribrillina annulata* (Bryozoa, Gymnolaemata) living on the thalli of *Laminaria* sp.

- (White Sea, Chuha Inlet)". Saint Petersburg State University
- 2008 Lee Tsee, BSc Thesis "Comparative anatomical study of the internal brood chambers in some anascan and ascophoran bryozoans (Gymnolaemata, Cheilostomata)". Saint Petersburg State University
- 2006-2009 Kotenko O.N., PhD Thesis "Comparative analysis of embryonic development and metamorphosis in the bryozoan orders Cheilostomata and Ctenostomata: evolutionary aspects". Saint Petersburg State University (co-supervisor)
- 1997-1999 Antipenko I.I., MSc Thesis "Peculiarities of feeding behaviour of *Cristatella mucedo* (Phylactolaemata, Bryozoa)". Saint Petersburg State University
- 1995 Lobastova E.V., Diploma work "Ovicell anatomy in some cheilostome bryozoans (Gymnolaemata) from the White Sea". Saint Petersburg State University

***External examination:***

- 2008 PhD-Dissertation, M. Carter "The functional morphology of avicularia in cheilostome bryozoans", Victoria University of Wellington

***Other experience:***

- Professional collector with experience in making and using of various tools for palaeontological and biological sampling.
- Invertebrate collections and database management.
- Professional knowledge of the light, SEM- and TEM-microscopy, including preparation techniques.
- More than 20 years of experience in making line drawings for scientific illustrations.
- Certified SCUBA diver (DOSAAF open water diver since 1987, CMAS open water diver since 1998, NAUI rescue diver since 1999).
- Writing books and articles on the marine biology, conservation, history and ethnography for Russian popular biological, underwater and marine journals

***Hobbies:***

Sport, music, literature, writing science popular articles, photography

***Languages:***

*Spoken:* Russian, English, German

*Reading knowledge:* German, French, Spanish, Portuguese, Italian

***List of scientific publications:***

***Monographs:***

- 2013 **Ostrovsky A.N.** Evolution of the sexual reproduction in marine invertebrates: example of gymnolaemate Bryozoa. Springer Verlag: Dordrecht, Heidelberg, New York, London. 356 pp. ISBN 978-94-007-7145-1 (Print) 978-94-007-7146-8 (Online). DOI: 10.1007/978-94-007-7146-8; <http://link.springer.com/book/10.1007%2F978-94-007-7146-8>
- 2009 **Ostrovsky A.N.** Evolution of the sexual reproduction in the bryozoan order Cheilostomata (Gymnolaemata). Saint Petersburg State University. 403 pp. [in Russian]

with English Summary] ISBN 978-5-288-04992-7. [www.rfbr.ru/rffi/ru/books/o\\_1781814](http://www.rfbr.ru/rffi/ru/books/o_1781814)  
 2006 Batygina T.B., Bragina E.A., Ereskovsky A.V., **Ostrovsky A.N.** Viviparity in plants and animals: invertebrates and lower chordates. Saint Petersburg State University, 134 pp. [In Russian with English summary] ISBN 5-288-03803-1.

***Book chapters:***

2014 Ostrovskaja X., **Ostrovsky A.** The earliest colour image of Bryozoa. Pp. 129–136 in Wyse Jackson P.N., Spencer Jones M.E. (eds.). *Annals of Bryozoology 4: Aspects of the history of research on bryozoans*. International Bryozoology Association, Dublin.

2011 **Ostrovsky A.N.**, Cáceres-Chamizo J.P., Vávra N., Berning B. Bryozoa of the Red Sea: history and current state of research. Pp. 67–97 in Wyse Jackson P.N., Spencer Jones M.E. (eds.) *Annals of Bryozoology 3: Aspects of the history of research on bryozoans*. International Bryozoology Association, Dublin.

2008a **Ostrovsky A.N.** External versus internal and self- versus cross-. Fertilization in Bryozoa: transformation of the view and evolutionary considerations. Pp. 103–115 in Wyse Jackson P.N., Spencer Jones M.E. (eds.). *Annals of Bryozoology 2: Aspects of the history of research on bryozoans*. International Bryozoology Association, Dublin, pp. viii+442.

2008b **Ostrovsky A.N.**, Vávra N., Porter J.S. Sexual reproduction in gymnolaemate Bryozoa: history and perspectives of the research. Pp. 117–210 in Wyse Jackson P.N., Spencer Jones M.E. (eds.). *Annals of Bryozoology 2: Aspects of the history of research on bryozoans*. International Bryozoology Association, Dublin, pp. viii+442.

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- Nekljudova U.A., Shunkina K.V., Grishankov A.V., **Ostrovsky A.N.** Colony as a dynamic system: life-history of bryozoan *Cribrilina annulata* on two algal substrata in the White Sea (planned for *Marine Ecology Progress Series*).
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- Sokolover N., **Ostrovsky A.N.** *Schizoporella errata* (Bryozoa: Cheilostomata) in the Israeli Mediterranean: abundance, growth rate and reproduction strategy. (planned for *Marine Biology*).
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***Editorial work***

Science editor of the monograph of I.Yu. Popov (2008) *Periodic Tables in Biology*. KMK-Press, Moscow.

***Reviewing papers for***

*Acta Zoologica*

*Bioinvasions*

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*Royal Society Open Science*

*Biological Journal of the Linnean Society*

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*Zoomorphology*

*Journal of Morphology*

*Courier Forschungsinstitut Senckenberg*  
*Zoological Science*  
*Zootaxa*  
*Cahiers de Biologie Marine*  
*Trudy Zoologicheskogo Instituta RAN*  
*Russian Journal of Biological Invasions*  
*Studia Universitatis Babeş-Bolyai*  
*Zoologicheskij Zhurnal*  
 several International Bryozoology Association conference volumes  
*Science in Focus*  
*Around the World (Vokrug Sveta)*

***Expertise:***

since 2014 - expert of the Russian Foundation for Basic Research

since 2016 – member of the Dissertation Council of the Zoological Institute, Russian Academy of Sciences

since 2013 – member of the Dissertation Council of the Faculty of Biology, Saint Petersburg State University

***List of popular publications:***

***Books:***

2011 **Ostrovsky A.N.** Man and underwater world. KMK Press, Moscow. ISBN 978-5-87317-738-7. 231 pp. [In Russian] <http://avtor-kmk.ru/pages/showitem.php?id=484>

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- 1999b **Ostrovsky A.N.** We work at the White Sea. *Captain-Club* **2**(8): 72-74 [in Russian].

#### ***On-line publications:***

- 2003a **Ostrovsky A.N.**, Lajus D.L. Why and how to publish scientific papers in international journals [in Russian] – *Researcher-at* [http://www.researcher-at.ru/money/220403\\_1.htm](http://www.researcher-at.ru/money/220403_1.htm)
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- 2003c **Ostrovsky A.N.** About emigration (a letter to younger sister) [in Russian] - *Researcher-at 2003* <http://www.researcher-at.ru/prostrannoe/180503.htm> - *Nanya* (<http://www.nanya.ru/opit/6979>).
- 2003d **Ostrovsky A.N.** Money, money, money, or about uncertain future of our generation [in Russian] – *Researcher-at* [http://www.researcher-at.ru/com\\_viewarticle73-54.html](http://www.researcher-at.ru/com_viewarticle73-54.html)
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<http://www.researcher-at.ru/index.php?option=articles&task=viewarticle&artid=83>