

## CURRICULUM VITAE

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### Education

Moscow State University, Moscow, Russia	Invertebrate Zoology, B.S.	1994-1998
Moscow State University, Moscow, Russia	Invertebrate Zoology, M.S.	1998-1999
George Washington University, Washington DC, US	Biology, Ph.D.	1999-2005

### Appointments

Assistant Professor, Oregon Institute of Marine Biology and Department of Biology, University of Oregon (2008–present)  
Post-doctoral fellow at the Friday Harbor Labs, University of Washington (2006–2008)

### Selected publications

- 2009** S. A. Maslakova and J. D. von Döhren. Larval development with transitory epidermis in *Paranemertes peregrina* and other hoplonemerteans. **Biological Bulletin** **216**: 273-292.
- 2008** S. A. Maslakova and J. L. Norenburg. Revision of the smiling worms, genus *Prosorhochmus* Keferstein 1862, and description of a new species, *Prosorhochmus belizeanus* sp. nov. (Prosorhochmidae, Hoplonemertea, Nemertea) from Florida and Belize. **Journal of Natural History** **42**: 1219-1260.
- 2008** S. A. Maslakova and J. L. Norenburg. Revision of the smiling worms, genera *Prosadenoporus* Bürger, 1890 and *Pantinonemertes* Moore and Gibson, 1981 and description of a new species *Prosadenoporus floridensis* sp. nov. (Prosorhochmidae; Hoplonemertea, Nemertea) from Florida and Belize. **Journal of Natural History** **42**: 1689-1727.
- 2007** P. Roe, J. L. Norenburg and S. A. Maslakova. Nemertea. In: **The Light and Smith Manual: Intertidal Invertebrates from Central California to Oregon**, 4th Edition. Edited by J. Carlton. Pp. 182-196 (Plates 86-90).
- 2006** C. D. Bishop, D. F. Erezylmaz, T. Flatt, C. D. Georgiou, M. G. Hadfield, A. Heyland, J. Hodin, M. W. Jacobs, S. A. Maslakova, A. Pires, A. M. Reitzel, S. Santagata, K. Tanaka and J. H. Youson. What is metamorphosis? **Journal of Integrative and Comparative Biology** **46**: 655-661.
- 2005** S. A. Maslakova, M. Thiel, N. Vásquez and J. L. Norenburg. The smile of *Amphiporus nelsoni* Sanchez, 1973 (Nemertea: Hoplonemertea: Monostilifera: Amphiporidae) leads to a redescription and a change in family. **Proceedings of the Biological Society of Washington**. **18**: 483-49.
- 2004** S. A. Maslakova, M. Q. Martindale and J. L. Norenburg. Vestigial prototroch in a basal nemertean *Carinoma tremaphoros* (Palaeonemertea, Nemertea). **Evolution and Development** **6**: 219-226.
- 2004** S. A. Maslakova, M. Q. Martindale and J. L. Norenburg. Fundamental properties of spiralian developmental program are displayed by the basal nemertean *Carinoma tremaphoros* (Palaeonemertea, Nemertea). **Developmental Biology** **267**: 342-360.
- 2001** S. A. Maslakova and J. L. Norenburg. Phylogenetic study of pelagic nemerteans (Pelagica, Polistilifera). **Hydrobiologia** **456**: 111-132.
- 1999** S. A. Maslakova and V. V. Malakhov, V. V. Hidden larva in the Hoplonemertini order of nemerteans. **Proceedings of the Russian Academy of Sciences, Series Biological** **366**: 849-852.

### Invited talks

- 2009** Not all ciliated blobs are alike: comparative larval development in marine nemerteans (phylum Nemertea). Science Program Seminar Series. Washington State University, Vancouver, WA.

- 2008** Nemertean embryonic and larval development. Guest lecture for the Comparative Embryology Course. Friday Harbor Laboratories.
- 2008** Larval Diversity and Evolution in Nemerteans (Phylum Nemertea). Invited symposium speaker at the First International Congress on Invertebrate Morphology in Copenhagen, DK.
- 2006** Spiral cleavage and larval development of spiralian. Guest lecture for the Comparative Embryology Course. Friday Harbor Laboratories.
- 2005** Evolution of Nemertean Larval Development. Guest lecture for the Evolution of Development Course. Friday Harbor Laboratories.
- 2005** Systematics and Evolution of Smiling Worms. Seminar at the National Museum of Natural History. Smithsonian Institution. Washington D.C.
- 2005** Hidden trochophore in nemertean development revealed by confocal microscopy and cell lineage analysis. Invited Speaker for the Symposium on Microscopy. Annual Meeting of the Society for Integrative and Comparative Biology. San Diego, CA.
- 2004** Vestigial prototroch in a basal nemertean *Carinoma tremaphoros* (Palaeonemertea. Nemertea). Summer seminar at the Friday Harbor Laboratories.
- 2003** Cleavage and larval development in nemerteans – an evolutionary perspective. Seminar at the Department of Biological Sciences. James Cook University. Townsville, Australia.
- 2002** Development of a basal nemertean in a phylogenetic context: cleavage mosaics, axis determination and a hidden trochophore. Seminar at the Museum of Zoology. University of Cambridge. Cambridge, UK.
- 2002** Hidden trochophore in nemertean development – confocal voyage under the ciliated surface. Symposium on Life Histories of Marine Invertebrates. Smithsonian Marine Station at Fort Pierce. Fort Pierce, Florida, USA.
- 2002** Hidden trochophore in nemertean development. Invited speaker at the Symposium on Evolution and Development. VI International Congress on Evolution and Systematic Biology. Patras, Greece.
- 2001** Trochophore and other news in nemertean development. Department of Invertebrate Zoology, Biological Faculty, Moscow State University, Moscow, Russia.

#### **Other contributed scientific presentations**

- 2009** Maslakova S. A. Comparative Larval Development of Nemerteans. 7th International Conference on Nemertean Biology. Santa-Barbara, CA.
- 2008** Maslakova S. A. & J. von Döhren. Enigmatic transitory epidermis in planktonic larval development of a hoplonemertean *Paranemertes peregrina* (Nemertea, Lophotrochozoa). Annual meeting of the Society for Integrative and Comparative Biology. San Antonio, TX.
- 2006** Maslakova S. A., Kevin G. Becker and M. V. Matz. Origin of the pilidium larva in nemertean worms (Phylum Nemertea) – systems biology approach. 7<sup>th</sup> Larval Biology Symposium, Coos Bay, OR.
- 2006** Maslakova S. A. and M. V. Matz. Investigating the origins of a novel larval body plan in nemerteans (Phylum Nemertea). Meeting of the NW division of the Society for Developmental Biology. Friday Harbor Laboratories, University of Washington. Friday Harbor, WA.
- 2006** Maslakova S. A. and M. V. Matz. Evolution of larval development in nemerteans (phylum Nemertea). Contribution to the Symposium on Metamorphosis. Annual meeting of the Society for Integrative and Comparative Biology. Orlando, FL
- 2003** Maslakova S.A., Martindale, M. Q. and Norenburg, J. L. Modification of the spiralian developmental program in nemerteans (Phylum Nemertea). Developmental Basis of Evolutionary Change III. Chicago, IL
- 2002** Maslakova, S. A. & J. L. Norenburg. Trochophore in nemerteans: evidence from the development of a basal nemertean *Carinoma tremaphoros* (Palaeonemertea). Annual meeting of the Society for Integrative and Comparative Biology. Anaheim, CA.
- 2001** Maslakova, S. A., Martindale, M. Q., and Norenburg, J. L. Remains of pilidium in direct developing nemerteans? Annual meeting of the Society for Integrative and Comparative Biology. Chicago, IL.
- 2000** S. A. Maslakova & J. L. Norenburg. Phylogenetic study of Pelagic Nemerteans. 5th International Conference on Nemertean Biology. Alcalá de Henares. Spain.

**2000** S. A. Maslakova, V. V. Malakhov, J. L. Norenburg. Indirect development in the order Hoplonemertini (phylum Nemertea). Annual Meeting of the Society for Integrative and Comparative Biology.

### **Synergistic activities**

*Teaching:* Instructor for intensive 10-week research project oriented course “Marine Molecular Biology” at the OIMB in 2008. Instructor for "Comparative Embryology of Marine Invertebrates" (five-week intensive course for graduate students at the Friday Harbor Labs) in 2007 (with Dr. George von Dassow). I co-instructed the intensive project-oriented course “Comparative Embryology and Larval Biology” at the OIMB in 2008 and will be taking it over in 2010. In 2008 and 2009 I organized and taught 6 laboratory sessions on Biodiversity, and Fertilization and Development for the Univ. of Oregon (Eugene) “Foundations III: Evolution and Biodiversity” and “Habitats of the Oregon Coast” classes visiting OIMB.

*Scientific review and editing:* Referee for Biological Journal of the Linnean Society, Biological Bulletin, Invertebrate Biology, Journal of Natural History, Proceedings of the Biological Society of Washington, Polar Biology, Zoological Science, Journal of Zoological Systematics and Evolutionary Research, Zootaxa, Species Diversity, and other journals. Guest editor for the Biological Bulletin (Virtual Symposium on Biology of Marine Invertebrate Larvae) and Journal of Natural History (Proceedings of the 7th International Conference on Nemertean Biology).

*Student mentorship:* I have supervised one undergraduate and two graduate students while at the OIMB.

*Educational and public outreach:* I participated enthusiastically in the Friday Harbor Labs' outreach efforts to San Juan Island schools and to the broader community; activities include Expert Day at the middle school, conducting field trips for members of the public, public lectures, and participating in the FHL' open house. Since starting at the OIMB in 2008, I gave a public lecture, put up a six week exhibition of artistic microscopy at the Coos Art Museum, served as a judge at the Southwestern Oregon Regional Science Expo and participated in panel discussion “Careers in Art” at the Southwestern Oregon Community College.

*Community resources:* I have contributed numerous images and didactic materials for the website on Nemertean Biology hosted by the Smithsonian Institution (<http://nemertes.si.edu>)