Curiculum Vitae

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Birth date: June 30, 1991
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Professional Experience

2016- present, Researcher, Laboratory of Cytotechnology, NSCMB FEB RAS, Vladivostok, Russia.
2013 – 2016 – Research assistant, Postgraduate student research work, Laboratory of Cytotechnology, IMB FEB RAS, Vladivostok, Russia.
2011 – 2013 – Research Assistant, Graduate student research work, Laboratory of Cytotechnology, IMB FEB RAS, Vladivostok, Russia.

Qualification / Specialization:

- Developmental biology
- Cell culture
- Marine Biology
- Neurogenesis, myogenesis
- Bioinformatics

Attendance at international symposia/workshops/training course:

2015– The scholarship for the work in the Marine Genomics Unit (OIST), April 2-June 9, November 22-December 12, Okinawa, Japan.
2012 – The scholarship for the work in the Investigation Center of molecular biology of marine organisms (SARS-center), October 5 – November 3, Bergen, Norway.

Honors and Rewards:

2012 – The award for the Best Student Scientific Work in the field of cell biology, Far Eastern Branch of the Russian Academy of Sciences.
2012 – A.V. Zhirmunsky Award for the best student study, IMB FEB RAS.

PhD thesis:

2016: Ph.D. in Cell Biology and Cytology
Maiorova M.A., β integrin-like proteins during ontogenesis of the mussel *Mytilus trossulus* // PhD thesis, NSCMB, FEB RAS, 2016. p. 129. (in Russian)

Major publications:

1. Odintsova N.A., Maiorova M.A. Localization of αvβ3-like integrin in cultivated larval cells of the mussel *Mytilus trossulus* during neuronal and muscle differentiation // Journal of Molecular Histology. 2012. V. 43, № 4. P. 449-459.
2. Ribalkina S.M., Maiorova M.A., Anisimov A.P., Kravchenko D.N. The gametogenesis and sexual cycle of the Bivalve *Corbicula japonica* Prime (1864) in the Mouth of Kievka River (Sea of Japan) // Russian Journal of Marine Biology. 2013. V. 39, №4. P. 253– 264.
3. Maiorova Maria A., Odintsova Nelly A. β integrin–like protein-mediated adhesion and its disturbances during cell cultivation of the mussel *Mytilus trossulus* // Cell Tissue Research. 2015. V. 361 (2). 581-592.

4. Dyachuk V.A., Maiorova M.A., Odintsova N.A. Identification of β integrin-like protein and fibronectin-like protein in the bivalve mollusk *Mytilus trossulus* // Development, Growth and Differentiation. 2015. V. 57. P. 515-528.
5. Odintsova N.A., Ageenko N.V., Kipryushina Yu.O., Maiorova M.A., Boroda A.V. Freezing tolerance of sea urchin embryonic cells: Differentiation commitment and cytoskeletal disturbances in culture // Cryobiology, 2015. V. 71. 54-63.
6. Maiorova M.A., Odintsova N.A. Proliferative potential of larval cells of the mussel *Mytilus trossulus* and their capacity to differentiate into myogenic cells in culture // Russian Journal of Marine Biology. 2016. Vol. 42, № 3. P. 281-285.
7. Odintsova N.A., Boroda A.V., Maiorova M.A., Yakovlev K.V. The death pathways of mussel larval cells after a freeze-thaw cycle // Cryobiology, 2017. V. 77. P. 41-49.