



Natalia V. Zhukova, Ph.D., Dr.Sc.

Name: Natalia Vladimirovna Zhukova

- Leading Researcher of the Laboratory of Comparative Biochemistry, National Scientific Center of Marine Biology, Far Eastern Branch, Russian Academy of Sciences
- Leading Researcher of the Laboratory of Pharmacology of Natural Compounds, the School of Biomedicine, Far Eastern Federal University

Born: September 17, Vladivostok, Russia

Education: Far East State University, (Biochemistry)

Degrees:

- Dr.Sc. (in Biology), Pacific Institute of Bioorganic Chemistry of the Far East Branch of the Russian Academy of Sciences, Vladivostok (“Fatty Acids of Marine Organisms: Chemotaxonomic and Trophic Markers”), 2009

- Ph.D. (Biochemistry), Pacific Institute of Bioorganic Chemistry of the Far East Branch of Academy of Sciences of USSR (“Non-methylene Interrupted Fatty Acids in Marine Mollusks: Chemical Structures, Distribution and Biosynthesis”), 1987

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Professional experience:

Leading Researcher, Laboratory of Comparative Biochemistry, Institute of Marine Biology, Vladivostok, since 2009 to present time

Senior Researcher, 1992-2009

Researcher, 1987-1992

Junior Researcher, 1980-1987

Probationer Researcher, 1978-1980

All of the above positions held at the Institute of Marine Biology FEB RAS, Vladivostok, Russia

Current research interests:

Main field: Marine lipid biochemistry: distribution, structures, biosynthesis, functions and biological activity of the fatty acids

Other fields: fatty acid metabolism disturbance under therapeutic diseases

Current details: fatty acid biomarkers, chemotaxonomy of microorganisms, trophic relationships between marine animals, symbiosis

Publications: 205

<http://orcid.org/0000-0001-6629-4687>

<https://publons.com/researcher/1275399/natalia-zhukova/>

Leader of the projects supported by grants:

2011-2018 – Technologies of monitoring and rational use of marine biological resources (Russian Science Foundation)

2011-2013 – Lipids and fatty acids of nudibranch mollusks: molecular biodiversity, role as biomarkers, and biologically active compounds (RFBR 11-04-98507-p_vostok_a)

2009-2011 – Lipids and fatty acids of nudibranch mollusks: composition, chemical structures and trophic markers (09-III-A-06-199)

2007-2009 – Spatial and trophic relationships in symbiotic communities of marine invertebrates (RFBR 07-04-00862-a)

2006-2008 – Trophic and topic relationships in marine symbiotic communities of invertebrates (FEB RAS 06-III-A-06-171)

2004-2006 – Trophic and topic relationships of marine invertebrates in symbiotic communities (RFBR 04-04-49738-a)

2003-2005 – Trophic and topic relationships in marine symbiotic communities (FEB RAS 03-3-A-06-057)

1994-1995 – Fatty acids as biomarkers in investigations of trophic relations of marine microorganisms (RFBR 94-04-12512-a)

Academic Editor of PeerJ

Membership of society: Unitas Malacologica