ANDREW V. GOODKOV

DATE OF BIRTH: 22 March 1956

PLACE OF BIRTH: St. Petersburg (Leningrad), Russia

ACADEMIC QUALIFICATIONS

1993 – Ph. D. (Zoology, St. Petersburg (Leningrad) State University, Russia
Diploma of higher education in Biology (M. Sc.), Leningrad (St. Petersburg) State University, Russia

ACADEMIC TITLE

1994 – Senior Research Scientist in Zoology

PRESENT APPOINTMENT

2004 – Current position: Leading Scientist, Department of Cytology of Unicellular Organisms, Institute of Cytology RAS, St. Petersburg, Russia

BUSINESS ADDRESS

Institute of Cytology, Russian Academy of Sciences
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RESEARCH INTERESTS

Cell biology of unicellular eukaryotes; Protistology; Taxonomy, evolution and ecology of eukaryotic microorganisms; Amoebozoa; amoebae; *Amoeba*; Ultastructute; Nucleus; Mitosis; Cell physiology and adaptations

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Protozoological Society affiliated with Russian Academy of Science

MEMBERSHIP IN EDITORIAL BOARDS OF INTERNATIONAL JOURNALS

1999 – present: Deputy Editor, PROTISTOLOGY, An International Journal

TOTAL NUMBER OF PUBLICATIONS: 117

(89 – papers, book chapters and monographs, 28 – conference abstracts and other publications)

SELECTED RESEARCH PAPERS, BOOK CHAPTERS AND MONOGRAPHS (2000–2016)

Demin S.Yu., Berdieva M.A., Podlipaeva Yu.I., Yudin A.L., Goodkov A.V. 2016. Optical tomography analysis of *Amoeba proteus* chromatin organization at various cell cycle stages. Cell and Tissue Biology. 10, 84–94.

Berdieva M., Bogolyubov D., Podlipaeva Yu., Goodkov A. 2016. Nucleus-associated actin in *Amoeba proteus*. Europ. J. Protistol. 56, 191–199.

Berdieva M.A., Chystjakova L.V., Miteva O.A., Frolov A.O., Goodkov A.V. 2015. Light- and electron-microscopic study of pelobiont *Pelomyxa secunda* (gruber, 1884) comb. nov. (Archamoebae, Pelobiontida). Tsitologiya. 57, 62–69.

Chystjakova L.V., Berdieva M.A., Frolov A.O., Goodkov A.V. 2014. Reisolation and redescription of pelobiont *Pelomyxa paradoxa* Penard, 1902 (Archamoebae, Pelobiontida). Tsitologiya. 56, 770–778.

Smurov A., Podlipaeva Yu., Skarlato S., Goodkov A. 2013. Heat shock proteins of free-living ciliates and their impact on cell adaptation to salinity stress. Protistology. 8, 8–15.

Smirnov A.V., Bedjagina O.M., Goodkov A.V. 2011. *Dermamoeba algensis* n. sp. (Amoebozoa, Dermamoebidae) – An algivorous lobose amoeba with complex cell coat and unusual feeding mode. Europ. J. Protistol. 47, 67–78.

Smurov A.O., Podlipaeva Yu.I., Skarlato S.O., Goodkov A.V. 2010. Correlations between salinity-persistence of ciliate species and their constitutive heat shock protein of 70 kDa contents. Tsitologiya. 52, 1041–1044.

Goodkov A.V., Smurov A.O., Podlipaeva Yu.I. 2010. Free-living protists as a model for studying heat shock proteins in the cell. In: Handbook of Molecular Chaperones: Roles, Structures and Mechanisms. N.Y.: Nova Science Publishers, Inc. pp. 293–312.

Podlipaeva Yu.I., Goodkov A.V. 2009. Heat shock proteins of 70 kDa family in the cells of free living and amphizoic amoeboid organisms. Tsitologiya. 51, 1019–1024.

Podlipaeva Yu.I., Smurov A.O., Goodkov A.V. 2008. Expression of heat-shock protein 70 kDa in Tetrahymena pyriformis during cell adaptation to salinity changes in the medium. Cell and Tissue Biology. 2, 373–375.

Smurov A.O., Podlipaeva Ju.I., Goodkov A.V. 2007. Heat shock protein of the Hsp70 family in the euryhaline ciliate *Paramecium nephridiatum* and its role in adaptation to the salinity changes. Cell and Tissue Biology. 1, 244–247.

Frolov A.O., Goodkov A.V., Chystjakova L.V., Skarlato S.O. 2006. Structure and development of *Pelomyxa gruberi* sp. n. (Peloflagellatea, Pelobiontida). Protistology. 4, 227-44.

Seravin L.N., Goodkov A.V. 2005. *Trichoplax adhaerens* (phylum Placozoa) – one of the most primitive multicellular animals. St. Petersburg, TESSA.

Seravin L.N., Goodkov A.V. 2005. Amoeboid properties of cells during early morphogenesis and the nature of a possible protozoan ancestor of Metazoa. Zurnal Obshei Biologii (J. General Biol.). 66, 212–223.

Frolov A.O., Chystjakova L.V., Goodkov A.V. 2005. Light and electronmicroscopic study of *Pelomyxa binucleata* (Gruber, 1884) (Peloflagellatea, Pelobiontida). Protistology. 4, 57–73.

Smirnov A., Goodkov A. 2004. Ultrastructure and geographic distribution of the genus *Paradermamoeba* (Gymnamoebia, Thecamoebidae). Europ. J. Protistol. 40, 113–118.

Goodkov A.V., Chistyakova L.V., Seravin L.N., Frolov A.O. 2004. The concept of pelobionts (class Peloflagellatea): brief history and current state. Entomological Review. 84, S10–S120.

Seravin L.N., Goodkov A.V. 2003. Formation of complex organisms as a result of contact aggregative behavior of protists. Entomological Review. 83, S189–S199.

Goodkov A.V. 2000. Phylum Plasmodiophora . In: Protista. Part 1 (Handbook on Zoology). St.Petersburg: Nauka. pp. 398–410.

Goodkov A.V., Seravin L.N. 2000. Class Peloflagellatea. In: Protista. Part 1 (Handbook on Zoology). St.Petersburg: Nauka. pp. 508–516.

Novozhilov Yu.K., Goodkov A.V. 2000. Class Eumycetozoea. In: Protista. Part 1 (Handbook on Zoology). St.Petersburg: Nauka. pp. 417–450.

Smirnov A.V., Goodkov A.V. 2000. Class Lobosea, subclass Gymnamoebia. In: Protista. Part 1 (Handbook on Zoology). St.Petersburg: Nauka. pp. 451–468.
Smirnov A.V., Goodkov A.V. 2000. Class Heterolobosea. In: Protista. Part 1 (Handbook on Zoology). St.Petersburg: Nauka. pp. 485–490.