

CURRICULUM VITAE

Last name : Khavinson
First name: Vladimir
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Date of birth: 1946, November, 27
Place of birth: Kottbus, Germany
Citizenship: Russia

Education and Academic degree: 1971 – M.D., S.M. Kirov Medical Military Academy (*Leningrad*)
1978 – Ph.D. Cand. of Med. Sci.
1987 – D.Sc., Doctor of Medical Sciences
1990 – Professor
1996 – Academician of the Russian Academy of Natural Sciences
2000 - Associate Member of the Russian Academy of Medical Sciences

Occupation: 2002 - now Professor, Chair of Gerontology and Geriatrics of the St.Petersburg Medical Academy of Postgraduate Study of the Russian Ministry of Health
1992 - now: Director, St.Petersburg Institute of Bioregulation and Gerontology of the North Western Dpt. of the Russian Academy of Medical Sciences
1998 - 2001 Deputy Director, Clinical Centre of the Advanced Medical Technologies of the Russian Ministry of Health , St.Petersburg
1988-1993 Chief, Bioregulators Research and Development Laboratory, S.M.Kirov Medical Military Academy
1977-1988 Researcher, S.M. Kirov Medical Military Academy
1971-1977 Doctor in different military subdivisions

Military rank: Colonel of medical service in reserve

Supervising Ph.D. and Dr.Sci. applicants: 56

Societies: - Gerontological Society of the Russian Academy of Sciences (since 1994 Vice-President)
- The New York Academy of Sciences, active member, 1995
- Italian Academy of Economics and Social Sciences, active member, 1996
- European Region Council of the International Association of Gerontology, representative from Russia
- The Gerontological Society of America, active member, 1996
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Honors and awards:

- Honorary title “ Honored Inventor of the Russian Federation”, 1988
- “The USSR Council of Ministers’ Prize” for the introduction and promotion of new highly efficient peptide bioregulators in health care and veterinary practice, 1990
- The Russian Academy of Sciences Prize, 1991
- The State Scientific Grants of the Russian Academy of Sciences for outstanding scientists, 1994, 1997
- Nobel Prize Winner P.Kapitsa’ Memorial medal “Author of Scientific Discovery”, 1996
- The Ukrainian Academy of Medical Sciences Prize, 2003
- P.Ehrlich Silver Medal for outstanding achievements in preventive and social medicine, Europäische Akademie der Naturwissenschaften, Hannover, 2006

Fields of interest: Anti-ageing technologies; development, experimental and clinical studies of new classes of peptide bioregulators (Cytomedins, Cytamins, Cytogenes). Development of bioregulating therapy. The inventor of 6 pharmaceuticals, authorized by the Russian Ministry of Health for clinical application: **Thymalin** (from thymus for correction of immune system function), **Cortexin** (from the brain cortex for correction of cerebral functions), **Epithalamin** (from the pineal gland for correction of endocrine system function), **Samprost** (from the prostatic gland for correction of urogenital system function), **Retinalamin** (from the eye retina for restoration of vision functions), **Thymogen** (dipeptide for correction of immune functions). The inventor of 30 biologically active food supplements, which are authorized by the Russian Ministry of Health and introduced into the Register of Biologically active Food Supplements.

Member of Editorial Boards of the Journals:

- “Advances in Gerontology” (St.Petersburg)
- “Bulletin Exper. Biol.” (Moscow)
- “Clinical Gerontology” (Moscow)
- “Cytokines and Inflammation” (St.Petersburg)
- “Geronto-Geriatrics” (Mexico)
- “Herald of Geront. Society of the Russian Acad.of Sci.”(St.Petersburg)
- “Herald of the Russian Acad. of Natural Sci.” (St.Petersburg)
- “Med. Acad. Journ.” (St.Petersburg)
- “Neuroendocrinology Letters” (Stockholm) – Honorary Director

Publications:

Over 600 scientific publications, including 25 monographs; 120 patents and inventions (37 foreign ones among them) in the field of biotechnology, immunology, biochemistry, pharmacology, oncology, gerontology.

Marital status: Married, 1 child

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Phone: + 7(921) 911-08-00

Prof. Vladimir Kh.Khavinson, M.D., Ph.D.

Director

St.Petersburg Institute of Bioregulation and Gerontology

LIST OF MAIN PUBLICATIONS (OUTSIDE RUSSIA)

1. Dilman V.M., Anisimov V.N., Ostroumova M.N., Morozov V. G., Khavinson V. Kh., Azarova M.A. Study of the anti-tumor effect of polypeptide pineal extract // **Oncology. - 1979.** - Vol.36, №6. - P. 274-280.
2. Dilman V.M., Anisimov V.N., Ostroumova M.N., Khavinson V. Kh., Morozov V. G. Increase in life span of rats following polypeptide pineal extract treatment // **Exp. Pathol. - 1979.** - Bd. 17, №9. - S. 539 - 545.
3. Anisimov V.N., Khavinson V. Kh., Morozov V. G. Carcinogenesis and aging. IV. Effect of low-molecular-weight factors of thymus, pineal gland and anterior hypothalamus on immunity, tumor incidence and life span of C3H/Sn mice // **Mech.Ageing Dev. - 1982.** - Vol.19. - P. 245 - 258.
4. Anisimov V.N., Loktionov A.S., Khavinson V. Kh., Morozov V. G. Effect of low-molecular-weight factors of thymus and pineal gland on life span and spontaneous tumour development in female mice of different age // **Mech.Ageing Dev. - 1989.** - Vol.49. - P. 245 - 257.
5. Anisimov V.N., Bondarenko L.A., Khavinson V. Kh., Morozov V. G. The pineal peptides: interaction with indoles and the role in aging and cancer // **Neuroendocrinol. Lett. - 1989.** - Vol.11, N5. - P. 235.
6. Anisimov V.N., Bondarenko L.A., Khavinson V. Kh. Effect of pineal peptide preparation (epithalamin) on life span and pineal and serum melatonin level in old rats // **Ann. N.Y.Acad.Sci. - 1992.** - Vol. 673. - P 53-57.
7. Anisimov V.N., Khavinson V. Kh., Morozov V. G. Twenty years of study on effect of pineal peptide preparation epithalamin in experimental gerontology and oncology // **Aging Clin. Exp.Res. - 1993.** - Vol.5, №5. - P. 410.
8. Anisimov V.N., Khavinson V. Kh., Morozov V. G. Twenty years of study on effect of pineal peptide preparation: epithalamin in experimental gerontology and oncology // **Ann. N.Y. Acad. Sci. - 1994.** - Vol.719. - P. 483 - 493.
9. Anisimov V.N., Mylnikov S.V., Oparina T.I., Khavinson V. Kh. Effect of melatonin and pineal peptide preparation epithalamin on life span and free radical oxidation in *Drosophila melanogaster* // **Mech.Ageing Dev. - 1997.** - Vol. 97. - P. 81-91.
10. Morozov V. G., Khavinson V. Kh. Natural and synthetic thymic peptides as therapeutics for immune dysfunction // **Int.J.Immunopharmacology. - 1997.** - Vol. 19, N 9/10. - P. 501-505.
11. Khavinson V. Kh., Solovieva D.V. New approach to the prophylaxis and treatment of age-related pathology // **Romanian J. of Gerontology and Geriatrics. – 1998.** – Vol. 20, N 1. – P. 28-34.
12. Kvetnoy I.M., Hernandez-Yago J., Hernandez J.M., Kvetnaya T.V., Reiter R.J., Khavinson V.Kh. Diffuse neuroendocrine system and mitochondrial diseases: molecular and cellular bases of pathogenesis, new approaches to diagnosis and therapy // **Neuroendocrinology Lett. – 2000.** – Vol. 21. – P. 83-99.
13. Khavinson V.Kh., Izmailov D.M., Obukhova L.K., Malinin V.V Effect of epitalon on the lifespan increase in *Drosophila melanogaster* // **Mech. of Ageing and Development. – 2000.** – V. 120. – P. 141–149.
14. Anisimov V.N., Arutjunyan A.V., Khavinson V.Kh. Effects of pineal peptide preparation Epithalamin on free-radical processes in humans and animals // **Neuroendocrinology Lett. – 2001.** – Vol. 22. – P. 9-18.

15. Anisimov V.N., Khavinson V.Kh., Mikhalski A.I., Yashin A.I. Effect of synthetic thymic and pineal peptides on biomarkers of ageing, survival and spontaneous tumor incidence in female CBA mice // **Mech. of Ageing and Development.** – 2001. – V. 122, N. 1. – P. 41-68.
16. Khavinson V.Kh., Goncharova N., Lapin B. Synthetic tetrapeptide epitalon restores distributed neuroendocrine regulation in senescent monkeys // **Neuroendocrinology Lett.** – 2001. – V. 22. – P. 251-254.
17. Anisimov V.N., Khavinson V.Kh., Popovich I.G., Zabezhinski M.A. Inhibitory effect of peptide Epitalon in colon carcinogenesis induced by 1,2-dimethylhydrazine in rats // **Cancer Lett.** – 2002. – V. 183. – P. 1-8.
18. Khavinson V.Kh., Korneva E.A., Malinin V.V., Rybakina E.G., Pivanovich I.Yu., Shanin S.N. Effect of epitalon on interleukin-1 β signal transduction and the reaction of thymocyte blast transformation under stress // **Neuroendocrinology Lett.** – 2002. – V. 23. N. 5/6. – P. 411-416.
19. Khavinson V., Razumovsky M., Trofimova S., Grigorian R., Razumovskaya A. Pineal-regulating tetrapeptide epitalon improves eye retina condition in retinitis pigmentosa // **Neuroendocrinology Lett.** – 2002. – V. 23. – P. 365-368.
20. Khavinson V.Kh. **Peptides and Ageing.** // **Neuroendocrinology Lett.** – 2002. – V. 23., Supplement N 3., 144 p.
21. Anisimov V.N., Khavinson V.Kh. Small Peptide-associated Modulation of Aging and Longevity // **S.I.S. Rattan (ed.), Modulating Aging and Longevity – 2003.** - Kluwer Academic Publishers. – P. 279-301.
22. Khavinson V.Kh., Morozov V.G. Peptides of pineal gland and thymus prolong human life // **Neuroendocrinology Lett.** – 2003. – V. 24. – P. 233-240.
23. **Khavinson. V. Kh. Malinin V.V. Gerontological Aspects of Genome Regulation.** – Karger. - 2005. – 104 p.