

CURRICULUM VITAE

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DATE AND 1982, August 17

PLACE OF BIRTH Baku, Azerbaijan

NATIONALITY Armenia

POSITION: Associate Professor in Biochemistry Department of Yerevan State Medical University

EDUCATION:

2010 – Doctor of Science in Biology and Medicine

2006 – Ph.D. Degree in Medicine

2005 – 2007 Residency in Clinical Biochemistry in Yerevan State Medical University after Mkhitar Heratsi, Yerevan, Armenia.

Graduate excellent

1999 – 2005 Yerevan State Medical University after Mkhitar Heratsi, Faculty of General Medicine, Yerevan, Armenia.

Graduate excellent with honours.

1989 – 1998 High school No. 55 after A.P. Chekhov, Yerevan, Armenia. Graduate excellent with honours

LANGUAGES: Armenian – fluent (native), Russian – fluent, English – fluent

AWARDS (since 2001)

- 2010.** Winner of “Annual contest of young people scientific engineering and scientific research projects” under aegis of Ministry of Sport and Youth Affairs, Republic of Armenia.
- 2007.** Honour “For attractive presentation” in Young Scientist Conference 2007 Dedicated to H.Buniatian 100th anniversary.
- 2007.** Honour “First premium for the Young Scientists” at the 3rd International Symposium under the aegis of UNESCO dedicated to the centenary of Academician N.M. Sissakian, organized by Russian Academy of Science, Armenian Academy of Science and UNESCO, Moscow-Dubna, Russia.
- 2005.** Honour “Pharmacology department prize” conferred by the Academician V. Hakobyan (with the support of “Hayastan” All-Armenia Fund) for the Best Student Research Work of the Year, Yerevan, Armenia.
- 2005.** Honour “Silver Medal” of Yerevan State Medical University, Yerevan, Armenia.
- 2005.** The highest student honour of Yerevan State Medical University “Mkhitar Heratsi” scholarship, Yerevan, Armenia.
- 2005.** Diploma “The Best Report” presented at the “Students Scientific Jubilee Medical Conference Dedicated to the 75th Anniversary of, Yerevan State Medical University”, Yerevan, Armenia.
- 2003.** Diploma “The Best Student” of the Faculty of General Medicine of 2002 – 2003 years, Yerevan, Armenia.
- 2003.** Diploma “The Best Student” of the Faculty of General Medicine of 2001 – 2002 years, Yerevan, Armenia.
- 2002.** Diploma “The Best Report” presented at the “Jubilee Scientific Conference of Medical Students Devoted to the 10th Anniversary of the Foundation of Armenian Student’s Parliament”, Yerevan, Armenia.
- 2001.** Diploma for the first place at the University’s Olympiad of Biochemistry, Yerevan, Armenia.

WORKSHOPS, ADVANCED COURSES & CONFERENCES

- 10 – 13.09.2011** 15th Congress of the European Federation of Neurological Societies, Budapest, Hungary.
- 16 – 21.07.2011** Alzheimer’s Association International Conference on Alzheimer’s Disease, Paris, France.
- 07 – 10.07.2011** EECALink Project Conference and Fit for Health & Health-NCP-Net FP7 Health Partnering, funded by the European Commission, Brussels, Belgium.
- 25 – 30.06.2011** “31st FEBS Congress. Biochemistry for Tomorrow’s Medicine, Torino, Italy.
- 11 – 17.09.2010** “Analysis and Engineering of Biomolecular Systems”, FEBS Advanced Lecture Course, Island of Spetses, Greece.
- 13 – 14.04.2010** International Congress of Young Scientists, Yerevan, Armenia.
- 7 – 17.09.2009** “Proteins and their Network – from specific to global analysis”, Spetsai Summer School for PhD and Postdoctoral Students organized by EMBO and FEBS, Island of Spetses, Greece.
- 20 – 24.05.2009** “Treatment, Recovery and Prevention of Autism”, Autism ONE Conference, organized by Autism Research Institute

Chicago, USA.

21 – 22.05.2009 “Autism is Treatable”, Clinical Seminar Level 1, Defeat Autism Now, organized by Autism Research Institute, Chicago, USA.

21 – 23.04.2009 “The modern problems of integrative activity and plasticity of the nervous system”, International Scientific Conference dedicated to the 80th anniversary of academician V.V. Fanarjjan Birth, organized by NAS RA, L. Orbeli Institute of Physiology, IBRO, Yerevan, Armenia.

21.09 – 23.09.2008 “Non-Conducting Membrane Mechanisms of Under-Threshold Signal Transduction in Neurons”, UNESCO/IBRO Symposium, Yerevan Armenia.

30.08 – 05.09.2008. “Lipid peroxidation and free radical signaling: role in pathophysiology”, SFRR-E and FEBS Free Radical Summer School, Island of Spetses, Greece.

01. 06 – 08.06.2008 “Neuronal plasticity and neurodegenerative disorders: Dysfunction and treatment”, Neuroscience Training in Europe, organized by FENS, supported by the European Commission, Research Directorate General, Marie Curie Conferences and Training Courses, Innsbruck-Igls, Austria.

31.08 – 09.09.2007 “Molecular Mechanisms of Regeneration – From Stem Cells to Organ Development, Function and Regeneration” Spetses Summer School, organized by FEBS and B.I.F., Island of Spetses, Greece.

25 - 27.07.2007 Young Scientist Conference 2007 Dedicated to H.Buniatian 100th anniversary.

28 - 30.06.2007 “Second International Medical Congress of Armenia”, Yerevan, Armenia.

16 - 20.05.2007 10-th Jubilee Multidisciplinary International Conference of Biological Psychiatry “ Stress and Behavior”, St-Peterburg, Russia.

02 – 04.04.2007 “Problems of Biochemistry, Molecular, Radiation Biology and Genetics”, International Symposium under the aegis of UNESCO, dedicated to the centenary of Academician N.M. Sissakian’s birth, organized by Russian Academy of Science, Armenian Academy of Science and UNESCO, Yerevan – Ashtarak, Armenia.

24 – 28.01.2007 “Problems of Biochemistry, Radiation and Space Biology”, 3rd International Symposium under the aegis of UNESCO, dedicated to the centenary of Academician N.M. Sissakian, organized by Russian Academy of Science, Armenian Academy of Science and UNESCO, Moscow-Dubna, Russia.

02 – 13.10.2006 FEBS Advanced Course “From Functional Genomics to Molecular Proteomics”, Yerevan, Armenia.

01 – 5.09.2006 *Workshop* on “Molecular and Cell Biology at Spetsai: Past, Present and Future of Biochemistry and Molecular Biology” 40Years’ Spetsai Summer School Anniversary, organized by EMBO, FEBS and IUBMB.

24 – 29.06.2006 “31st FEBS Congress. Molecules in Health and Disease”, Istanbul, Turkey.

22 – 24.06.2006 “FEBS Forum for Young Scientists”, Istanbul, Turkey.

4 – 8.10.2005 “International Scientific Conference Dedicated to the 75th Anniversary of YSMU”, Yerevan, Armenia.

15 – 17.09.2005 “Students Scientific Jubilee Medical Conference Dedicated to the 75th Anniversary of YSMU”, Yerevan, Armenia.

5 – 15.09.2005 “Protein Misfolding, Protein Modification and Age-Related Diseases”, Spetsai Summer School for PhD and Postdoctoral Students organized by EMBO and FEBS, Island of Spetses, Greece.

9 – 12.06.2005 “1st Greek-Armenia International Medical Forum and 3rd International Congress for the Third and Fourth Age”, Yerevan, Armenia.

26 – 1.06 – 07.2003 “Frontiers in Neurodegenerative Disorders and Aging: Fundamental Aspects, Clinical Perspectives and New Insights” Advanced Research Workshop for PhD and Postdoctoral Students organized by IUBMB, FEBS and NATO, Antalya, Turkey.

15 – 16.04.2002 “Jubilee Scientific Conference of Medical Students Devoted to the 10th Anniversary of the Foundation of Armenian Student’s Parliament”, Yerevan, Armenia.

1-5 .09. 09.2002 “3rd I.P.S.F. Scientific Symposium”, Yerevan, Armenia.

15 – 19.09.2001 “Biochemical and Molecular – Biological Mechanisms of Brain Immune System” International Conference, Yerevan-Tsakhadzor, Armenia.

PUBLICATIONS

2011. Yenkovyan K, Safaryan K, Chavushyan V, Meliksetyan I, Navasardyan G, Sarkissian J, Galoyan A, Aghajyanov M. “Neuroprotective action of proline-rich polypeptide-1 in β -amyloid induced neurodegeneration in rats”. Brain Res Bull. V.86 № 3-4. P. 262-71.

2011. K.B. Yenkovyan, M.I. Aghajyanov. “NGF and IGF-1 as targets for future drugs in dementia-linked pathologies”. European Journal of Neurology 18, Supplement 2, 15th EFNS Congress, 10-13 September, Budapest, Hungary, Abstracts, P.2001.

2011. Konstantin B. Yenkovyan, Armen G. Mkhitarian, Tigran K. Davtyan and Michail I. Aghajyanov. “Changes in stem-cell maintenance in subventricular zone of rat’s brain at Alzheimer’s disease pathology and survival effect of embryonal proteoglycans”. Alzheimer’s Association International Conference on Alzheimer’s Disease 2011, 16-21 July, Paris, France, Abstracts, P.375.

2011. Konstantin B. Yenkovyan, Armen G. Mkhitarian, Tigran S. Markaryan, Tigran K. Davtyan and Michail I. Aghajyanov. “Hippocampal changes in stem-cell maintenance of rat’s brain at Alzheimer’s disease pathology and survival role of embryonal proteoglycans”. The FEBS Journal, V.278, Supplement1, 36th FEBS Congress, 25-30 June, Torino, Italy, Abstracts, P.279.

2010. Yenkovyan K., “Role of embryonal proteoglycans in adult neurogenesis as a possible way of neuronal survival at neurodegeneration”. The New Armenian Medical Journal, V.4, №1, 149-150.

2010. Yenkovyan K., “The features of neuronal response to damage”, Medical Science of Armenia, V.L, №5, P. 38-48.

2010. Yenkovyan K., “Views on the processes of neuronal survival”, Medicine and Education, №5, P. 3-6.

2010. Yenkovyan K., “The influence of proline-rich polypeptide-1 on the spectrum of neuroactive amino acids at amyloid induced neurodegeneration”, Medicine and Education, №5, P. 21-25.

2009. Yenkovyan K, “Morpho-functional investigation in condition of A β 1-42 – induced model of Alzheimer’s Disease”. Materials of the conference “The modern problems of integrative activity and plasticity of the nervous system”, p.133-138, Yerevan, Armenia.

2009. Chavushyan V.,Yenkovyan K., Meliksetyan I., Mkrtychian, I., Avakyan Z., Agajyanov M., Galoyann A, “Electrophysiological and histochemical study of neuroprotective effect of hypothalamic proline-rich peptide on A β (1-42) induced model of Alzheimer’s disease in rats. Materials of the conference “The modern problems of integrative activity and plasticity of the nervous system”, p.326-331,

Yerevan, Armenia.

- 2009.** Yenkovyan K., “The role of glutamate in pathogenesis of Alzheimer’s disease”, Collection of Materials of VIII National Scientific-and-medical Congress “Humans Health” under motto “Armenia – Russia – Medicine without Borders, P360-363.
- 2009.** Yenkovyan K., “The influence of of proteoglycan of embryonic genesis on the changes of NGF-1 level in β -amyloid induced neurodegeneration”, Collection of Materials of VIII National Scientific-and-medical Congress “Humans Health” under motto “Armenia – Russia – Medicine without Borders, P36-365.
- 2009.** Yenkovyan K., “Neuroprotective role of embryonic proteoglycans at β -amyloid induced neurodegeneration via its influence on insulin-like growth factor-1.”, *Medicine and Education*, №4, P. 3-10.
- 2009.** Yenkovyan K., “A brief review on Alzheimer’s disease from contemporary view point”, *Medicine and Education*, №3, P. 26-28.
- 2009.** Yenkovyan K, Safaryan K, Navasardyan G, Mkrtychyan L, Aghajyanov M. “Effects of beta-amyloid on behavioral and amino acids spectrum in rats' brain and their modulation by embryonic proteins.” *Neurochem Int.*, 54, P.292-298.
- 2008.** Meliksetyan I., Sarkissian J., Aghajyanov M., Yenkovyan K, Chavushyan V., Melkonyan N., Nazaryan O. “ Investigation of morpho-functional statement of brain structures after intracebroventricular injection of $A\beta$ 25-35. Materials of the conference “ Structural, Functional, Neurochemical and Immunochemical aspects of brain asymmetry and plasticity”, p.403-408, St. Peterburg, Russia.
- 2008.** H. Vahradyan, K. Yenkovyan, M. Aghajyanov “Regulatory role of PRP-1 in the processes of oxidative damage in Alzheimer’s disease”. Abstract book of UNESCO/IBRO Symposium “Non-Conducting Membrane Mechanisms of Under-Threshold Signal Transduction in Neurons”, p.29. Yerevan Armenia.
- 2008.** H. Vahradyan, K.Yenkovyan, M.Aghajyanov, “Possible antioxidant potential of PRP-1 at aluminium neurotoxicosis in blood serum and erythrocyte membranes of rats”, *Scientific-Practical Journal “Blood”*, 2 (8), p.48, Yerevan.
- 2008.** K. Yenkovyan, M. Aghajyanov, L.N. Mkrtychyan “The preventive action of embryonal proteoglycans in amyloid induced neurodegeneration”. *Neurochemical Research.*, v. 33. p. 1157.
- 2008.** M. Aghajyanov, K. Yenkovyan, G. Poghosyan, A. Galoyan. “New approach in neurodegeneration like AD: Catecholaminergic input”. *Neurochemical Research.*, v. 33. p. 1151.
- 2007.** A. Gladkevich, F. Bosker , J. Korf , K. Yenkovyan , H. Vahradyan , M. Aghajyanov “Proline-rich polypeptides in Alzheimer's disease and neurodegenerative disorders — Therapeutic potential or a mirage?” *Progress in Neuro-Psychopharmacology & Biological Psychiatry* V.31, P.1347–1355
- 2007.** M. Aghajyanov, K.Yenkovyan “Regulation of neurodegeneration by PRP via catecholamines” Abstacr book of “Second International Medical Congress of Armenia”, p.17, Yerevan, Armenia.
- 2007.** MI. Aghajyanov, KB Yenkovyan, VA Cavushyan, JS Sargissyan “Neurodegeneration and the possible ways of its prevention”, Book of Abstracts of 10-th Jubilee Multidisciplinary International Conference of Biological Psychiatry “ Stress and Behavior”, p.9, St-Peterburg, Russia
- 2007.** MI. Aghajyanov, KB Yenkovyan, KS Safaryan, GA Navassardyan “Comparative analysis of spontaneous alteration behavior following i.c.v. injection of $A\beta$ (25-35) peptide and exposure to hypokinesia”, Book of Abstracts of 10-th Jubilee Multidisciplinary

2007. Aghajanov M.I., Yenkovyan K.B. “The regulatory action of PRP in growth factor metabolism in neurodegeneration”, Book of abstracts of International Symposium under the auspices of UNESCO dedicated to the centenary of Academician N.M. Sissakian’s birth “Problems of Biochemistry, Molecular, Radiation Biology and Genetics”, p. 34-35, Yerevan-Ashtarak, Armenia

2007. M.I. Aghajanov, K.B.Yenkovyan “Some correlations between oxidative stress and growth factor release in the model of Alzheimer’s disease” Book of Abstracts of 3rd International Symposium under the aegis of UNESCO, dedicated to the centenary of Academician N.M. Sissakian. P.93-94, Moscow-Dubna, Russia.

2006. M.I. Aghajanov, K.B.Yenkovyan, L.M. Mkrtchyan “The protective action of embryonal proteoglycans in amyloid induced neurodegeneration”// Supplement to Alzheimer’s and Dementia, V. 2, Iss. 3, Suppl. 1, Book of Abstracts of Alzheimer’s Association 10th International Conference on Alzheimer’s Disease and Related Disorders, P2-065, p. 251, Madrid, Spain.

2006. K. Yenkovyan, M. Aghajanov and L. Mkrtchyan “Neuronal survive in β -amyloid induced neurodegeneration”// The FEBS Journal, V. 273, Supplement 1, Book of Abstracts of 31st FEBS Congress, PP596, p. 238, Istanbul Turkey.

2006. K.B. Yenkovyan, V. A. Chavushyan, Z.E. Avakyan, J.S. Sarkissyan, L.N. Mkrtchyan, M.I. Aghajanov “Electrophysiological study of the regulatory –protective effect of embryonal proteoglycans complex on the model of Alzheimer’s disease induced by β -amyloid”// International Technologies and Management, V. 2, N 1, p. 144-152, Yerevan , Armenia.

2006. K.B. Yenkovyan “Protection of neurodegeneration through fetal therapy”// Medical Science of Armenia, XLVI, N 1, p. 60 – 64, Yerevan, Armenia.

2005. Yenkovyan K., Avetisyan Z., Sargsyan N., “The Antioxidant Effect of PRP in Aluminum induced Neurodegeneration”// International Scientific Conference Dedicated to the 75th Anniversary of YSMU, Yerevan, Armenia.

2005. L.M. Mkrtchyan, M.I. Aghajanov, K.B.Yenkovyan, Karalyan N.Yu “The protective role of embryonic proteoglycans in neurodegenerative pathology // “21 Annual International Conference of Alzheimer’s Diseases, Book of Abstracts, PP98, p.75, Istanbul, Turkey.

2005. M.I. Aghajanov, H.G.Vahradyan, A.G. Ashotyan, K.B. Yenkovyan “Regulatory Mechanisms of Free Radical Lipid Peroxidation and Sex Hormones During Age-Related Neurodegeneration”// 1st Greek-Armenia International Medical Forum and 3rd International Congress for the Third and Fourth Age, Book of Abstracts, p.13-14,Yerevan, Armenia.

2004. A.Y. Zakaryan, M.I. Agajanov, G.H. Poghosyan, A. G. Ashotyan, K.B. Yenkovyan, A.A. Galoyan, “The photochemiluminescence of rats’ organs at the influence of galarmin in aluminum neurotoxicosis”// Neurokhimiya , V.21,N2, p.152-157, Moscow, Russia.

2003. M.I. Aghajanov, L. M. Mkrtchyan, K.B.Yenkovyan “The regulatory role of EPOM on the oxidative stress in aluminium neurotoxicosis”// Book of Abstracts, p.115, Smolensk, Russia.

2003. Aghajanov M.I., Yenkovyan K.B. Vahgradyan H.G.,Ashotyan A.G., and Galoyan A.A. “The antioxidant and neuroprotective action of PRP in aluminium neurotoxicoss”// Frontiers in Neurodegenerative Disorders and Aging: Fundamental Aspects, Clinical Perspectives and New Insights, Advanced Research Workshop. Book of Abstracts, p. 66 – 67, Antalya, Turkey.

2002. M.A. Badalyan, G.A. Hoveyan, L.M. Sukiasyan, K.B. Yenkovyan, A.L. Manukyan, K.G. Karagezyan, “The role of the upper cervical sympathetic ganglion in neuroendocrine regulation of some structures in brain”// Neurokhimiya, 2002 V.19, N 3. , p.70 – 74, Moscow, Russia.

2002. *Ashotyan A.G. Yenkovyan K.B.* “The influence of proline – rich polypeptide on the chemiluminescence level in rats’ organs during aluminum neurotoxicosis” // 3rd I.P.S.F. Scientific Symposium. Book of Abstracts, p. 36 Yerevan, Armenia.

2002. *A.Y. Zakaryan, M.I. Aghajyanov, G.H. Poghosyan, A. G. Ashotyan, K.B. Yenkovyan, A.A. Galoyan* “The influence of galarmin on the processe of the free radical lipid peroxidation in aluminum neurotoxicosis”// Medical Science of Armenia, V. XLII, N 4, p. 55 – 58., Yerevan, Armenia.

2001. *Yenkovyan K.B.* “The correlation of the lipid peroxidation and antioxidant system in the blood of white rats at acoustic stress, gangliosympathectomy and their combination”// 49 Students’ Scientific Conference. Book of Abstracts (part 1), p.67, Moscow, Russia

2001. *Yenkovyan K.B., Uzunyan T.A.* “The interrelation between the processes of lipid peroxidation and antioxidant system in the blood of white rats’ after unilateral gangliosympathectomy”// 1st Students’ International Congress of Medical Sciences. Book of Abstracts, p.127