

## CURRICULUM VITAE

Professor Victor Tutelyan, M.D., Ph.D, D.Sc. (Biochemistry)  
Full member of the Russian Academy of Sciences  
Director, Institute of Nutrition

Professor V.A. Tutelyan is an outstanding scientist in biochemistry, hygiene, and nutrition toxicology, who made a considerable contribution into the setting up of the system of regulation and testing methodology for xenobiotics assessment in foods. His academic work takes priority in the field of mycotoxicology and covers all aspects of this important medical and economic problem.

V.A. Tutelyan together with disciples of his scientific school, launched investigations on deciphering mechanisms of toxic action and specificities of biotransformation of some fusariotoxins. They demonstrated the important role of lysosome enzymes in adaptation responses of the human organism to toxic effects and to changes in nutrition patterns; they experimentally proved the progressive role of selenium against radiation effects and chemical toxicants, and as pathogenic therapy for patients suffering from lipid metabolism failure. One of the main important directions in his scientific researches was hygienic problems related to the elimination of consequences of the Chernobyl accident. Theoretical, clinical, and experimental studies in pharmaconutritiology are of great importance in his academic activities. In particular, he elaborated and substantiated a concept of application and assessment of quality effectiveness of biologically active food additives.

V.A. Tutelyan is the author of more than 660 scientific works, 8 of which are monographs, about 250 are methodological and regulatory documents, and 45 are patents on inventions.

### EDUCATION

1978	D.Sc. (Biochemistry)	The Institute of Nutrition of the Russian Academy of Medical Sciences
1968	Ph.D (Biochemistry)	The Institute of Nutrition of the Russian Academy of Medical Sciences
1965	M.D	The I.M. Sechenov First Moscow State Medical University

## PROFESSIONAL EXPERIENCE

2016 - present	Head of Science	Federal Research Centre of Nutrition, Biotechnology and Food Safety (former The Institute of Nutrition of the Russian Academy of Medical Sciences)
2000 - 2016	Director	The Institute of Nutrition of the Russian Academy of Medical Sciences
1980 - 2002	Deputy Scientific Director	The Institute of Nutrition of the Russian Academy of Medical Sciences
1976 – present	Head of the Laboratory of Nutritional Enzymology	The Institute of Nutrition of the Russian Academy of Medical Sciences
1961- 1976	Senior researcher, researcher, post graduate student, laboratory assistant in the Laboratory of Nutritional Enzymology	The Institute of Nutrition of the Russian Academy of Medical Sciences

## UNIVERSITY AFFILIATIONS

1994 – present	Head of the Nutrition Hygiene and Toxicology Chair	<b>I.M. Sechenov First Moscow State Medical University</b>
----------------	--	--

Editor-in-Chief of the Journals: "Problems of Nutrition (Voprosy Pitania)", "Bulletin of Experimental Biology and Medicine"

Editorial board member of the Journals: "Food Processing Industry", "Candy manufacture", "Toxicological Bulletin", "Issues of Biological, Medicinal and Pharmaceutical Chemistry", "Nutrition Research", "Pediatria Integral", "Food Ingredients: raw material and additives",

## THE RUSSIAN ACADEMY OF SCIENCES

- 2017 Head of Division of the Preventive Medicine Department in the Division of the Medical Sciences of the Russian Academy of Sciences
- 2016 Academic Secretary of the Division of the Medical Sciences of the Russian Academy of Sciences
- 2014 Deputy of General Academic Secretary of the Presidium of the Russian Academy of Sciences
- 2014 Presidium Member of the Russian Academy of Sciences
- 2014 Deputy General Academic Secretary of the Russian Academy of Sciences
- 2014 Full Member of the Russian Academy of Sciences

2001 General Academic Secretary of the Presidium of the Russian Academy of Medical Sciences

1997 Full Member of the Russian Academy of Medical Sciences

1993 – Corresponding Member of the Russian Academy of Medical Sciences

Full Member of the National Academy of Sciences of Armenia

Full Member of the National Academy of Sciences of Ukraine

### HONORS

- Holder of the Order of Alexander Nevsky
- Holder of the Order of Honour
- Holder of the Title “Honoured Worker of Science and Engineering of the Russian Federation”
- Holder of the Gold Award of the RF Agriculture Ministry "Contribution to Progress of Agroindustrial Complex"
- Testimonial of the RF Government for the Active Participation in the Realization of the State Policy in the Field of Public Health and for the Contribution to Medical Science and Practice
- Holder of the Government of the RF Award in Science and Engineering
- Holder of the Title “Honoured Science Worker of the Russian Federation”

### KEY RECENT PUBLICATIONS (2017-2018)

1. Balakina, A.S., Aksenov, I.V., Trusov, N.V., Kravchenko, L.V., Tutelyan, V.A. The influence of separate and combined supplementation with curcumin and quercetin on the protective capacity in rats Вопросы питания. 2017. Т. 86. № 2. С. 14-22. <https://elibrary.ru/item.asp?id=28990185>
2. Coricovac D.E., Moaca E.A., Pinzaru I., Citu C., Soica C., Mihali C.V., Pacurariu C., Tutelyan V.A., Tsatsakis A., Dehelean C.A. Biocompatible Colloidal Suspensions Based on Magnetic Iron Oxide Nanoparticles: Synthesis, Characterization and Toxicological Profile. Front. PHARMACOLOGY 8:154. <http://journal.frontiersin.org/article/10.3389/fphar.2017.00154/full>
3. Devyatov A.A., Fedorova T.N., Stvolinskii S.L., Belousova M.A., Medvedev O.S., Tutelyan V.A. Assessment of Oxidative Status of the Brain and Blood Plasma in Rats with Modeled Focal Cerebral Ischemia/Reperfusion Injury. Bull Exp Biol Med. 2017 Jun;163(2):195-198. <https://link.springer.com/article/10.1007%2Fs10517-017-3764-4>
4. Fedorova, T. N.; Devyatov, A. A.; Berezhnoi, D. S.; с соавторами. Oxidative Status in Different Areas of the Cerebral Cortex of Wistar Rats during Focal Ischemia and Its Modulation with Carnosine BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE Том: 165 Выпуск: 6 Стр.: 746-750 Опубликовано: OCT 2018
5. Isakov VA, Sentsova TB, Tutelyan VA, Lin Y, Kazlova V, Hong J, Velliquette RA. Effects of Multivitamin, Multimineral and Phytonutrient Supplementation on Nutrient Status and Biomarkers of Heart Health Risk in a Russian Population: A Randomized, Double Blind, Placebo Controlled Study / Nutrients - 2018 Jan 25;10(2). pii: E120
6. Isakov, Vasily A.; Bogdanova, Alexandra A.; Bessonov, Vladimir V.; с соавторами. Effects of Multivitamin, Multimineral and Phytonutrient

Supplementation on Nutrient Status and Biomarkers of Heart Health Risk in a Russian Population: A Randomized, Double Blind, Placebo Controlled Study - NUTRIENTS Том: 10 Выпуск: 2 Номер статьи: 120 Опубликовано: FEB 2018

7. Sedova I., Kiseleva M., Tutelyan V. Mycotoxins in Tea: Occurrence, Methods of Determination and Risk Evaluation –Toxins - 2018; 10
8. Telegin LY, Sarmanaev SK, Devichenskii VM, Tutelyan VA. Algorithm of Molecular and Biological Assessment of the Mechanisms of Sensitivity to Drug Toxicity by the Example of Cyclophosphamide / Bull Exp Biol Med. 2018 Jan; 164(3):324-329.
9. Tsatsakis A. M.; Kouretas D. Tzatzarakis M. N., Stivaktakis P., Tsarouhas., Golokhvast K. S., Rakitskii V. N., Tutelyan V. A., Hernandez A. F., Rezaee R., Chung G., Fenga, C., Engin A. B., Neagu M., Arsene A. L., Docea A. O., Gofita E., Calina, D., Taitzoglou I., Liesivuori J., Hayes A. W., Gutnikov, S., Tsitsimpikou C. Simulating real-life exposures to uncover possible risks to human health: A proposed consensus for a novel methodological approach. Human and Experimental Toxicology. 2017, Vol. 36(6) 554–564. <http://journals.sagepub.com/doi/abs/10.1177/0960327116681652>
10. Tsatsakis A.M, Nawaz M.A., Kouretas D., Balias G., Savolainen K., Tutelyan V.A., Golokhvast K.S., Lee J.D., Yang S.H., Chung G. Environmental impacts of genetically modified plants: A review. Environmental Research. V. 156, July 2017, P. 818–833. <http://www.sciencedirect.com/science/article/pii/S0013935117300452>
11. Tsatsakis A.M., Nawaz M.A., Tutelyan V.A., Golokhvast K.S., Kalantzi O.I., Chung D.H., Kang S.J., Coleman M.D., Tyshko N., Yang S.H., Chung G. Impact on environment, ecosystem, diversity and health from culturing and using GMOs as feed and food. Food Chem Toxicol. 2017 Sep;107(Pt A):108-121. <http://www.sciencedirect.com/science/article/pii/S0278691517303411?via%3Dihub>
12. Tutel'yan V.A. Ensuring the safety of genetically engineered and modified organisms for food production. Herald of the Russian Academy of Sciences. March 2017, Volume 87, Issue 2, pp 120–124. <https://link.springer.com/article/10.1134%2FS1019331617020174>
13. Tutelyan V.A., Sharafetdinov Kh.Kh., Plotnikova O.A., Vorobiova I.S., Kochetkova A.A., (Тутельян В.А., Шарафетдинов Х.Х., Плотникова О.А., Воробьева И.С., Кочеткова А.А.) Krul E., Owerhand A., Mendelson G.J. Innovative approaches in the development of specialized food products of optimized composition for patients with type 2 diabetes // J Diabetes Metab. – 2016; 7:10. <http://www.scimage/view/651>
14. Tutel'yan, V. A. Ensuring the Safety of Genetically Engineered and Modified Organisms for Food Production HERALD OF THE RUSSIAN ACADEMY OF SCIENCES Том: 87 Выпуск: 2 Стр.: 120-124 Опубликовано: MAR 2017
15. Tutelyan, Victor; Kochetkova, Alla; Isakov, Vasily; et al. Strategize the research investigations: pre-clinical and clinical evaluations DEVELOPING NEW FUNCTIONAL FOOD AND NUTRACEUTICAL PRODUCTS Стр.: 213-229 Опубликовано: 2017
16. Victor A. Tutelyan (Тутельян В.А.) , Alexey S. Petrenko, Elena A. Smirnova (Смирнова Е.А.) , Boris P. Sukhanov (Суханов Б.П.) and Anatoliy V. Kutysenko / Regulatory Aspects of Nutraceuticals: Russian Perspectives / Chapter / DOI : <http://dx.doi.org/10.1016/B978-0-12-802147-7.00068-1>
17. Victor Tutelyan, Alla Kochetkova, Vasily Isakov, Elena Smirnova, Varuzhan Sarkisyan / Strategize the research investigations: pre-clinical and clinical evaluations /Chapter 12/ Developing New Functional Food and Nutraceutical Products. <http://10/1016/B978-0-12-802780-6/00012-2>, s.213