Curriculum Vitae

Name	Giorgi
Surname	Kvesitadze
Date and place of birth	30 May, 1942, Tbilisi
Address: **Work**	0108 – Tbilisi, 52, Rustaveli Ave., Georgian National Academy of Sciences
Education:	Higher
1961	Faculty of Technology, Georgian Agricultural Institute
Scientific degree and title:	
1969	Candidate of Biological Sciences
1980	Doctor of Biological Sciences
1983	Professor
1983	Corresponding Member of the Georgian Academy of Sciences
1988	Academician of the Georgian Academy of Sciences
Positions held:	
1965-1966	Chief of shift at Akhmeta yeast factory
1966-1969	Postgraduate at the A.Bakh Institute of Biochemistry, Russian Academy of Sciences
1966-1983	Head of Laboratory at the Institute of Plant Biochemistry, Georgian Academy of Sciences
1983-1987	Deputy Director of the Institute of Plant Biochemistry, Georgian Academy of Sciences
1984-1987	Deputy Chairman of the State Committee on Science and Technologies
1984	to the present day – Professor of the Georgian State Subtropical University
1988-1996	Chair of Biotechnology set up by him at the Georgian Technical University
1987	to the present day – Director of the Institute of Plant Biochemistry, named after S.Durmishidze Institute of Biotechnology, with account of expanding its profile
1972	to the present day – Delivers lectures in biochemistry, biotechnology, enzymology, albumen chemistry at faculties of physics, chemistry and biology of Tbilisi State University
1992-1993	Minister of Georgian Agriculture and Food
2004	to the present day – Academician-Secretary of the Department of Biology, Georgian Academy of Sciences
1975-1976	Invited Professor at Pennsylvania University (USA)
1983-1984	Invited Professor at Lehigh University (USA)
1986	Max Planck Institute of Biochemistry (Germany)
1999-2001	Expert of NATO'S Council of Natural Sciences and Technologies
Sphere of scientific interests:	biochemistry, biotechnology, ecology
Number of published works	280, including 5 textbooks and 5 monographs
List of principal scientific works:	

1. Kvesitadze, G.I. (1990), Enzymes of Microorganisms Living under Extreme Conditions [in Russian], Ed. W. Kretovich, Nauka, Moscow, 52 p.
2. Sadunishvili, T., Gvarliani, M. Nutsubidze, N., Kvesitadze, G. Enzymatic mechanism of ammonia excess detoxication in kidney bean. Fresenius Environmental Bulletin, 1993, 2, 534-539.
3. Ugrekhelidze D., Kvesitadze G., Arziani B., Mithaishvili T., Phiriashvili V. Detoxication of phenol in annual plant seedlings. Ecotoxicology and Environmental Safety. 1999, 42, 119-124.

4. Gordeziani, M., Khatisashvili, G., Ananiashvili, T., Varazashvili, T., Kurashvili, M., Kvesitadze, G. Tkhelidze P. Energetic significance of plant monooxygenase individual components participating in xenobiotic degradation. International Biodeterioration and Biodegradation, 1999, 44, 49-54.
5. Zaalishvili G., Khatisashvili G., Ugrekhelidze D., Gordeziani M., Kvesitadze G. Plant potential for detoxification (Review). Applied Biochemistry and Microbiology, 2000. 36, 5, 443-451.
6. Korte F., Kvesitadze G., Ugrekhelidze D., Gordeziani M., Khatisashvili G., Buadze O., Zaalishvili G., Coulston F. Review: Organic toxicants and plants. Ecotoxicology and Environmental Safety. 2000, 47, 1, 1-26.
7. Zaalishvili, G., Lomidze, E., Buadze, O., Sadunishvili, T., Tkhelidze, P., Kvesitadze,G. Electron microscopic investigation of benzidine effect on maize root tip cells ultrastructure, DNA synthesis and calcium homeostasis. International Biodeterioration and Biodegradation, 2000, 46, 2, 133-140.
8. Kvesitadze G., Gordeziani M., Khatisashvili G., Sadunishvili T., Ramsden J.J. Review: Some aspects of the enzymatic basis of phytoremediation. Journal of Biological Physics and Chemistry, 2001, 1, 2, 49-57.
9. Zaalishvili, G., Sadunishvili,T., Scalla, R., Laurent, F. and Kvesitadze, G. Electron Microscopic Investigation of Nitrobenzene Distribution and Effect on Plant Root Tip Cells Ultrastructure. Ecotoxicology and Environmental Safety, 2002, 52, 190-197.
10. Kvesitadze, G. I., Kvachadze, L. L., E. G. Kvesitadze (1997), Selection of thermophilic cellulase-producing micromycetes. Appl. Biochem. Microbiol. (Moscow) 33, 132-137.
11. Kvesitadze, E. G., Nizharadze, D. N., Buachidze, T. Sh., and G. I. Kvesitadze (1997), Thermostability and physical-chemical properties of endo- and exoglucanases of thermophilic microscopic fungi. Biochemistry (Moscow), 62, 176-183.
12. Kvesitadze, E., Adeishvili E., Gomarteli, M., Kvachadze, L., and G. Kvesitadze (1999), Cellulase and xylanase activity of fungi in a collection isolated from the southern Caucasus. International Biodeterioration and Biodegradation. 43, 189-196.
13. Kvesitadze, G. I., Bezborodov A. M. (2002), Introduction in Biotechnology. Ed. Skryabin K.G., Nauka, Moscow, 284 p. (in Russian).
14. Kvesitadze G. I., Khatisashvili G.A., Sadunishvili T.A., Evstigneeva Z.G. Metabolism of Anthropogenic Toxicants in Higher Plants. Maik Nauka, Moscow. 208c. 2005.
15. Kvesitadze G., Khatisashvili G., Sadunishvili T., Ramsden J.J. Biochemical Mechanisms of Detoxification in Higher Plants. Basis of Phytoremediation. Springer. 241p. 2006.

Prizes, awards: -

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