

# Curriculum Vitae

<b>Name</b>	Marlen
<b>Surname</b>	Gordeziani
<b>Date and place of birth</b>	29 July 1931, Tbilisi
<b>Address:</b>	
<b>Work</b>	10 <sup>th</sup> km. David Aghmashenebeli Ave.
<b>Higher education:</b>	
<b>1952-1962</b>	Zootechnical Faculty, Georgian. Zootechnical Veterinary Institute
<b>Scientific degree and title:</b>	
<b>1975</b>	Candidate of Biological Sciences
<b>1992</b>	Doctor of Biological Sciences
<b>1996</b>	Professor
<b>1997</b>	Corresponding Member of the Georgian National Academy of Sciences
<b>Positions held:</b>	
<b>1965-1971</b>	Senior Laboratory Assistant
<b>1971-1979</b>	Senior Research Worker
<b>1980</b>	to the present day - Chief research worker
<b>1980-2009</b>	Head of Laboratory
<b>1965-2009</b>	S.Durmishidze Institute of Biochemistry and Biotechnology (the then Institute of Plant Biochemistry, Georgian Academy of Sciences)
<b>Sphere of scientific interests:</b>	
<b>Number of published works</b>	Over 100, including in international scientific journals (the USA, Germany, the Russian Academy of Sciences)
<b>List of principal scientific works:</b>	
	1. Гордезиани М.Ш., Хатисашвили Г.А., Квеситадзе Г.И. Свободное и сопряженное с гидроксигированием ксенобиотиков окисление NADPH. <i>ДАН СССР</i> . 1991, 320, 2, 417-420.
	2. Khatisashvili, G., Kurashvili, M., Gordeziani, M., Kvesitadze, G. Monooxygenase and peroxydase pathways of xenobiotics detoxication in higher plants. <i>Fresenius Environmental Bulletin</i> , 1993, 2, 103-108.
	3. Khatisashvili, G., Kurashvili, M., Gordeziani, M., Kvesitadze, G. Functional evolution of separate components of plant monooxygenase system involved in xenobiotic detoxication. <i>Fresenius Environmental Bulletin</i> , 1994, 3, 621-626.
	4. Khatisashvili, G., Gordeziani, M., Kvesitadze, G., Korte, F. Plant monooxygenases: participation in xenobiotic oxidation. <i>Ecotoxicology and Environmental Safety</i> , 1997, 36, 118-122.
	5. Gordeziani, M., Khatisashvili, G., Ananiashvili, T., Varazashvili, T., Kurashvili, M., Kvesitadze, G. Tkheldidze P. Energetic significance of plant monooxygenase individual components participating in xenobiotic degradation. <i>International Biodeterioration and Biodegradation</i> , 1999, 44, 49-54.
	6. Zaalishvili, G., Khatisashvili, G., Ugrekheldidze D., Gordeziani, M., Kvesitadze G. Plant potential for detoxification (Review). <i>Applied Biochemistry and Microbiology</i> . 2000, 36, 5, 443-451.
	7. Korte, F., Kvesitadze G., Ugrekheldidze D., Gordeziani, M., Khatisashvili, G. Buadze, O. Zaalishvili, G., Coulston, F. Review: Organic toxicants and plants. <i>Ecotoxicology and Environmental Safety</i> . 2000, 47, 1, p.1-26.
	8. Kvesitadze, G., Gordeziani, M., Khatisashvili, G., Sadunishvili, T., Ramsden, J.J. Some aspects of the enzymatic basis of phytoremediation. <i>Journal of Biological Physics and Chemistry</i> 2001, 1, 49-57.

9. Adamia, G., Khatisashvili, G., Varazashvili, T., Ananiashvili, T., Gvakharia, V., Adamia, T., Gordeziani, M. Determination of the Type and Rate of Soil Contamination with Heavy Metals and Organic Toxicants on the Territories of Military Proving Grounds in Georgia. *Bulletin of the Georgian Academy of Sciences*, 167, №1, 2003, 155-158.
10. Kurashvili M., Pruidze M., Kiskeidze E., Varazashvili T., Ananiashvili T., Khatisashvili G., Gordeziani M. Influence of different factors on nitrobenzene oxidation in the plant cell. *J. Biological Physics and Chemistry*. 2003, 3, 45-49.
11. Kurashvili, M., Gordeziani, M., Varazi, T., Ananiashvili, T., Kordzadze, N., Chubinidze, A. The influence of systemic fungicides in vivo on functioning of some oxides of plants. *Annals of Agrarian Science*. 2009, 7, 2, 53–56.

***Monographs (in Georgian)***

1. G.Khatisashvili, M.Gordeziani, T.Varazi, M.Qurashvili, M.Pruidze. "Biomembrane Oxigenases" (ed. N.Alexidze), Tbilisi, *Sakartvelos Matsne*, 2009, 338 p.
2. M.Gordeziani, G.Khatisashvili, Chemical Medification of Cytochrome 450 (ed. T.Ugrekheldze), Tbilisi, 2008, 48 p.
3. M.Gordeziani, G.Khatisashvili. "Membrane Xenobiochemistry" (ed.by G.Kvesitadze), Tbilisi, *Agrarikosi*, 2005, 281 p.
4. M.Gordeziani, G.Khatisashvili, E.Kirtadze. "Bioenergetics and Regulation of Oxidation Process" (ed-by G.Kvesitadze), Tbilisi, *Agrarikosi*, 2004, 245 p.
5. M.Gordeziani, G.Khatisashvili. "Chemical Foundations of Ecology" (ed.by D.Ugrekheldze), Tbilisi, 2000, 311 p.

**Contact telephones**

**E-mail**

(+995 32) 52 82 79 (Work)

Marlen [gordeziani@yahoo.com](mailto:gordeziani@yahoo.com)