

# Curriculum Vitae

<b>Name</b>	Malkhaz
<b>Surname</b>	Zalishvili
<b>Date and place of birth</b>	27 September 1920, Mtskheta
<b>Address:</b>	
<b>Work</b>	14, Gotua St., Institute of Molecular Biology and Biological Physics
<b>Higher education:</b>	
<b>1941</b>	Faculty of Chemistry, I.Javakhishvili Tbilisi State University
<b>Scientific degree and title:</b>	
<b>1949</b>	Candidate of Chemical Sciences
<b>1972</b>	Doctor of Biological Sciences
<b>1974</b>	Professor
<b>1979</b>	Corresponding Member of the Georgian Academy of Sciences
<b>1988</b>	Elected Member of the Georgian Academy of Science
<b>Positions held:</b>	
<b>1941-1944</b>	Chemist-Analyst of the Institute of Sanitary Hygiene, Ministry of Health of the Georgian SSR
<b>1944-1947</b>	Postgraduate in Biochemistry, Tbilisi State University
<b>1947-1951</b>	Senior Research Worker, I.Beritashvili Institute of Physiology, Georgian Academy of Sciences
<b>1951-1959</b>	Head of Chair of Chemistry, Gori Teacher-Training Institute
<b>1956</b>	Assistant Professor
<b>1956</b>	Senior Research Worker, I.Beritashvili Institute of Physiology; delivered a course of biophysics at the Faculty of Biology, Tbilisi State University
<b>1962</b>	Initiates specialization in biophysics at the Faculty of Physics, Tbilisi State University; reads a course of biology, general biophysics, cell biophysics
<b>1963-1986</b>	Head of Biophysics Sector, I.Beritashvili Institute of Physiology
<b>1986</b>	Founds the Institute of Molecular Biology and Biophysics, Georgian Academy of Sciences
<b>1986-2000</b>	Director of the Institute of Molecular Biology and Biophysics
<b>1986</b>	to the present day - Head of Laboratory of Supermolecular Systems and Cell Biophysics, Institute of Molecular Biology and Biophysics, Georgian Academy of Sciences
<b>2000-2006</b>	Director of the Central Scientific Library of the Georgian Academy of Sciences
<b>2004</b>	to the present day -Head of Department of Biological Mobility of the Institute of Molecular Biology and Biophysics Georgian Academy of Sciences
<b>1990-2004</b>	Academy-Secretary of the Biology Department of the Georgian Academy of Sciences
<b>2004</b>	to the present day - Consultant of the Presidium of the Georgian Academy of Sciences
<b>Sphere of scientific interests:</b>	
<b>Number of published works</b>	including 1 monograph, 229 papers, 20 theses, 14 authors certificates
<b>List of principal scientific works:</b>	1. Физико-химические основы мышечного действия, 1971 (monograph) 2. Electron Microscopic Study of $\alpha$ -actinin. J.Molecular Biology, v. 93, 1975 3. Calorimetric Research of the Influence of $Mn^{2+}$ ions on Helix-Coil Transition of DNA. Studia Biophysics, Band 60, Heft 2, 85-95, 1975.

4. Исследование функциональных свойств доменов  $\alpha$ -актинина. Биохимия АН СССР, т. 54, № 10, 1740-1744, 1989.
5. Primary structure of the cDNA 5'-terminal region encoding the N-terminal domain of the rabbit muscle  $\alpha$ -actinin subunit. FEBS Lett., 28(2), 190-192, 1991.
6. Переход типа левая спираль в участках субфрагмента 2 миозина поперечно-полосатой мышцы как возможная молекулярная основа механохимического акта в процессе мышечного сокращения. Биофизика, т. 36, № 6, 1083, 1991.
7. On conformational transitions in myosin bridges during mechano-chemical act. Biophysics, vol. 43, N 3, 490-495. 1998.
8. Распределение триптофановых остатков в молекулах тропонина 1, комплекса тропонин 1- тропонин Т и  $\alpha$ -актинина. Биофизика, т. 46, № 2, 218-222, 2001.
  - Прибор для нанесения исследуемого Вещества на хроматографическую бумагу А.С. № 161964 1964.
  - Полиуретан для получения биосовместимого пленочного материала и способ его получения А.С. 803417104.

**Prizes and awards:**

In 1997 he was decorated with the Order of Merit

He is **Soros** Emeritus Professor

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