

# Curriculum Vitae

<b>Name</b>	Tengiz
<b>Surname</b>	Zaalishvili
<b>Date and place of birth</b>	1949, Tbilisi
<b>Address:</b>	
<b>Work</b>	0160, Tbilisi, 12 Gotua St., Institute of Molecular Biology and Biological Physics
<b>Higher education:</b>	
<b>1966-1971</b>	Faculty of Biology, I.Javakhishvili Tbilisi State University
<b>Scientific degree and title:</b>	
<b>1971-1974</b>	Postgraduate at the Institute of Plant Biochemistry, Georgian Academy of Sciences
<b>1983</b>	Candidate of Biological Sciences
<b>1992</b>	Doctor of Biological Sciences
<b>1997</b>	Corresponding Member of the Georgian Academy of Sciences
<b>Positions held:</b>	
<b>1974-1985</b>	Junior Research Worker of the Institute of Physiology, Georgian Academy of Sciences
<b>1985-1986</b>	Senior Research Worker of the Institute of Physiology, Georgian Academy of Sciences
<b>1986-2000</b>	Senior Research Worker, Head of Laboratory at the Institute of Molecular Biology and Biophysics, Georgian Academy of Sciences
<b>2000-2006</b>	Director of the Institute of Molecular Biology and Biophysics
<b>2000</b>	to the present day – Head of the Department of Functional Genomics of the Institute of Molecular Biology and Biophysics, Chairman of the Scientific Council
<b>Sphere of scientific interests:</b>	Structure and function of eucaryotic genome
<b>Number of published works</b>	60
<b>List of principal scientific works:</b>	<ol style="list-style-type: none"><li><b>1. Participation of poly (ADP-ribose)-polymerase of nuclear matrix in DNA repair.</b> <u>Zaalishvili T.M.</u>, Gabriadze I.Y, Margiani D.O, Philauri V.R., Surguladze N.M Biochemistry (Moscow) 2000 Jun 65:6 659-61</li><li><b>2. Detection of lectins in the nuclear matrix of nerve tissue cells.</b> Akhalkatsi R.G, Kharazishvili L.O, Bolotashvili T.V, <u>Zaalishvili T.M.</u> Biochemistry (Moscow) 2000 May 65:5 554-7</li><li><b>3. The effect of Cu<sup>2+</sup>, Zn<sup>2+</sup> cations and biogenic amines on the poly (ADP-ribose) polymerase activity in the rat brain.</b> <u>Zaalishvili T.M.</u>, Dzhaparidze N.S, Sabelashvili D.M, Michilashvili R.D. Biokhimiya 1990 Apr 55:4 659-64</li><li><b>4. The effect of the x-ray irradiation on the NAD-pyrophosphorylase and poly (ADP-ribose) polymerase activities of brain nuclei and on the NAD content in nerve tissue.</b> <u>Zaalishvili T.M.</u>, Dzhaparidze N.S, Michilashvili R.D, Margiani D.O. Radiobiologia 1990 Jan-Feb 30:1 36-9</li><li><b>5. Study of nuclear poly (ADP-ribose) polymerase and DNA-topoisomerase II of brain cells during postnatal development of rats.</b> <u>Zaalishvili T.M.</u>, Dzhaparidze N.S, Michilashvili R.D, Anchabadze V.L. Biokhimiia 1989 Apr 54:4 537-41</li><li><b>6. The role of poly (ADP-ribose) polymerase in the nerve tissue.</b> <u>Zaalishvili T.M.</u>, Dzhaparidze N.S, Michilashvili R.D, Zaalishvili M.M. Dokl Akad Nauk SSSR 1989 309:3 737-40</li><li><b>7. ADP- ribosylation of nuclear proteins in the rat brain.</b> <u>Zaalishvili T.M.</u>, Kolkhidashvili K.M, Margiani D.O, Michilashvili R.D. Biokhimiya 1988 Jun 53:6 951-5</li><li><b>8. Role of ADP-ribosylation in the structural organization of liver and brain cell chromatin of intact and X-irradiated rats.</b> I.Gabriadze,</li></ol>

T.Tsitskishvili, K.Kutalia, V.Philauri, N.Surguladze, G.Zaalishvili,  
T.Zaalishvili. Bulletin of the Georgian Academy of Sciences, 2000, v.162,  
N 1, pp.166-68

9. **Changes of the rat brain and liver cell nuclear matrices poly (ADP-ribose) polymerase and DNA topoisomerase II activities by X-irradiation.** V.Philauri, N.Surguladze, K.Kutalia, D.Margiani, G.Zaalishvili, T.Zaalishvili. Bulletin of the Georgian Academy of Sciences, 2000, v. 161, N 1, pp. 138-41.
10. **ADP-ribosylation intensifies cleavage of DNA loops in the nuclear matrix.** G.Zaalishvili, Z.Tsetskhladze, D.Margiani, Yu.Gabriadze, T.Zaalishvili. Molecular Biology, v. 39, N 2, pp. 317-320, 2005 (in Russian).

**Prizes, awards:**

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