



## CV

### 1. Personal Information

<b>Surname</b>	Dzneladze
<b>Name</b>	Sophio
<b>Mail :</b>	<a href="mailto:s.dzneladze1@seu.edu.ge">s.dzneladze1@seu.edu.ge;</a>
<b>Current occupational position</b>	Researcher at Iv. Beritashvili Center of Experimental Biomedicine

### 2. Position and specialty

<b>Position:</b>	<input checked="" type="checkbox"/> Assistant Professor
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### 3. Academic/Scientific decree

<b>Name of the higher education institution</b>	Iv. Javakhishvili Tbilisi State University
<b>Direction/ Specialty</b>	Exact and Natural sciences, Biology Biochemistry
<b>Enrollment date</b>	2010
<b>Dissertation defense date</b>	2013
<b>qualification</b>	Ph.D.
<b>Title of the dissertation topic</b>	Mechanism of ATPases activated by Cl and HCO <sub>3</sub>
<b>Conductor of the theme</b>	Leila Tsakadze, Nana Koshoridze

### 4. Other education

<b>I</b>		
<b>Name of the higher education institution</b>	Ak. Tsereteli Kutaisi State University	
<b>Faculty / Specialty</b>	Exact and Natural sciences/ Biochemistry	
<b>Date of the enrollment/Graduation</b>	<b>Beginning (yy)</b>	<b>End (yy)</b>
	2002	2004

### 5. Professional experience

Date (mm/yy)		Employer	Position / duties
-from	-to		
2006	2012	Iv. Beritashvili Center of Experimental Biomedicine	Laboratory assistant
2012	present	Iv. Beritashvili Center of Experimental Biomedicine	Resercher

#### 6. Scientific-pedagogical experience

Date (mm/yy)		Higher Education Institutions	Study course / Research project	Learning step
-from	-to			
2017	present	TSU	Medical Biochemistry	
2018	present	BAU	Medical Biochemistry Lab work	
2019	present	New Vision University	Medical Biochemistry	
2020	present	SEU	Medical Biochemistry	

#### 7. Scientific publications

Date	Topic of the working theme	Scientific Journal
2020	The Effect of Neurotransmitter and Synaptosomal Factor on the Synaptic Membrane Anion-Activated ATPases.	Bull. Georg. Natl. Acad. Sci., vol. 14, no. 1
2019	Influence of pChMB on transport ATPases.	Georgian Nat. Acad. of Sci., Biomed. Series vol. 45, No 1-2
2018	Zn <sup>2+</sup> depended Mg-ATPase activity.	Nova Science Publishers, Inc. New York,
2017	The Effect of Heavy Metals On The Na,K-ATPase and Mg-ATPase Systems.	Proc. Georgian Nat. Acad. Sci., Biomed. Ser. Vol. 43, No 1-2,
2016	Kinetic Features of Transport ATPases.	Nova Science Publishers, Inc. New York,
2015	Molecular mechanism of Mg-ATPase activity.	The Journal of Membrane Biology. 248(2):295-300,
2015	Comparative analysis of Mg- dependent and Mg-independent HCO <sub>3</sub> -ATPases	The Journal of Membrane Biology. 248 (1): 53-8.

## 8. Other activities

N	The Name and Description of the Activity
1.	2017-2019 Young Scientist, Head of Project. Regulation Mechanism of anion ATPases by neurotransmitter. Shota Rustaveli National Science Foundation (№YS17_10).
2.	2015-2019: Kinetic Peculiarities of Transport ATPases during Hormesis Phenomena, caused by psychogenic stress and peroxide. Georgian State Budget.
3.	2020 - BIOMED 2020-INTERNATIONAL MULTIDISCIPLINARY CONFERENCE ON BIOMEDICINE
4.	<b>2019</b> – “Some aspects of transport ATPases regulation by neurotransmitter”. S. Dzneladze, G. Chkadua, E. Nozadze, L. Tsakadze, L. Shioshvili, M. Leladze, N. Arutinova. 3 <sup>rd</sup> Conference of Georgian Biochemists Association.
5.	<b>2019</b> - “The Effect of Dopamine on the Cl-ATPase“. S. Dzneladze, E. Nozadze, L. Tsakadze, L. Shioshvili, M. Leladze, N. Arutinova, G. Chkadua. The 44 <sup>th</sup> FEBS Congress. Krakow, Poland.
6.	<b>2019</b> - "Cl-activated ATPase". S. Dzneladze, E. Nozadze, L. Tsakadze, L. Shioshvili, M. Leladze, N. Arutinova, G. Chkadua. 4 <sup>th</sup> International Symposium and School of Yung Scientists „Brain& Neuroplasticity: Structural and Molecular Aspects”, May 107, Tbilisi, Georgia.
7.	<b>2019</b> - “Ni-depended Mg-ATPase activity”. G. Chkadua, E. Nozadze, L. Tsakadze, L. Shioshvili, M. Leladze, N. Arutinova, S. Dzneladze. The 44 <sup>th</sup> FEBS Congress. Krakow, Poland.
8.	2019 -“Enzyme Kinetic and P-Type ATPases”. G. Chkadua, E. Nozadze, L. Tsakadze, L. Shioshvili, M. Leladze, N. Arutinova, S. Dzneladze. 4 <sup>th</sup> International Symposium and School of Yung Scientists, „ Brain& Neuroplasticity: Structural and Molecular Aspects”, May 107, Tbilisi, Georgia.
9.	2019 -“Kinetic of Na,K-ATPase's transport component and its regulation”. G. Chkadua, E. Nozadze, L. Tsakadze, L. Shioshvili, M. Leladze, N. Arutinova, S. Dzneladze. International Multidisciplinary conference on Biomedicine, Tsikhidziri, Georgia.
10.	<b>2019</b> - “The Kinetic Analysis of Cl-ATPase and its Regulation by Neurotransmitter”. S. Dzneladze, E. Nozadze, L. Tsakadze, M. Leladze, L. Shioshvili, N. Arutinova, G. Chkadua. Multidisciplinary conference on Biomedicine, Tsikhidziri, Georgia.
11.	<b>2018</b> - “The Inaugural Workshop of UNESCO/UNITWIN Network on PhD Education and Research in Biophysics, Biotechnology and Environmental Health”. Kinetic Features of Mg- dependent and Mg- independent HCO <sub>3</sub> <sup>-</sup> ATPases. S. Dzneladze, L.

	Tsakadze, E. Nozadze, L. Shioshvili, G. Chkadua. 6-8 August, 2018. Garni, Yerevan, Armenia.
12.	<b>2018</b> - The 43th FEBS Congress. The Effect of Dofamine and Synaptosomal Factor on the Mg-dependent Ca-ATPase. S. Kupradze, L.Tsakadze, M. Leladze, E. Nozadze, N. Arutinova, L. Shioshvili, S. Dzneladze, G. Chkadua. 7-12 July, 2018. Prague Czech republic.
13.	<b>2018</b> - The 43th FEBS Congress. The Effect of Neurotransmitter and Synaptosomal Factor on the Synaptic Membrane Anion- Activated ATPases. S. Dzneladze, L. Tsakadze, M. Leladze, E. Nozadze, N. Arutinova, L. Shioshvili, S. Kupradze, G. Chkadua. 7-12 July, 2018. Prague Czech republic.
14.	<b>2018</b> - International conference. The 1st "Beritashvili Talks", Neurophysiological functions and their disorders - Interdisciplinary Studies. Regulation of Na/K ATPase by Neurotransmitters. S. Dzneladze, L. Tsakadze, E. Nozadze, L. Shioshvili, M. Leladze, N. Arutinova, S. Kupradze, G. Chkadua. 25-27 June 2018. Tbilisi, Georgia.
15.	<b>2017</b> - I Conference Of Georgian Biochemical Association. Comparative analysis of Mg- dependent and Mg- independent HCO <sub>3</sub> -ATPases. 16-17 Oct, Tbilisi.
16.	<b>2015</b> - Organelle Crosstalk in Membrane Dynamics and Cell Signaling. „Molecular Mechanism of Ca-ATPase Activity (P010). 26-29 Oct. Edinburgh, UK.