

Lia Tsverava

Personal information

Contact Details

Full name: Lia Tsverava
Gender: Female
Citizenship: საქართველო (Georgia)

Email address: lia.tsverava.2@iliauni.edu.ge
Country: საქართველო (Georgia)
City: Tbilisi

Languages

Language	Writing	Reading	Speaking
Russian	C1	B2	C1
French	B1	B1	A2
English	B2	B2	B2

Education

Academic degree

Academic Degree: Doctoral/PhD, Ed.D or other equivalent

Year obtained: 04.06.2019

Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Doctoral/PhD, Ed.D or other equivalent	Ilia State University	საქართველო (Georgia)	The degree of doctoral of philosophy in Life Sciences	2013	2019
Master/MS, MA, MR, MBA, m.Ed or other equivalent	Ilia State University	საქართველო (Georgia)	Molecular biology	2010	2012
Bachelor/BS, BA, BE or other equivalent	Ilia State University	საქართველო (Georgia)	Pedagogy of Chemistry and biology	2005	2009

Trainings / Seminars / Training courses

Training / Seminar / The theme of the course	Organization name	Start year	End year
Multidisciplinary International Scientific Conference for Young Scientists and Students "Young Scientists for the Better Future of the Planet"	Ivane Beritashvili Center of Experimental Biomedicine; Ivane Beritashvili Young Scientists Club	2024	
first International Conference for Young Neuroscientists "BRAIN AND NEUROPLASTICITY"	Ilia State University, Ivane Beritashvili Center of Experimental Biomedicine, Georgian Neuroscience association and Ivane Beritashvili Young Scientists Club	2024	
International Day of Women and Girls in Science	Ivane Beritashvili Center of Experimental Biomedicine; Ivane Beritashvili Young Scientists Club	2023	
70 th Lindau Nobel Laureate Meeting	Lindau, Germany	2021	
III Conference of Georgian Biochemists Association	Ilia State University	2019	
FEBS Workshop on molecular life sciences education	Ilia State University	2019	
II Conference of Georgian Biochemists Association	Ilia State University	2018	

Training / Seminar / The theme of the course	Organization name	Start year	End year
"Secretion in health and disease:neurological disorders and diabetes".	Ilia State University	2017	
Neurobiology actual issues	Ivane Javakhishvili Tbilis State University	2016	
Georgian National Academy of Sciences Conference	Georgian National Academy	2015	
GG23 ELISA, Hibridoma and Chromatography training	NMRC company.	2014	
III International Symposium Neuroplasticity: nervous substrate for health and disease. New approaches for research.	.Beritashvili Center of Experimental Biomedicine	2014	
Workshop on Molecular Life Sciences Education.	FEBS	2013	
English for specific purpose (ESP) training for scientists	Georgien Research\$Development Foundation(GRDF) .	2013	

Projects

Ongoing projects

Project title	Position	Project head	Start Date	Donor
Myo-inositol and prevention of epileptogenesis: pharmacology, electrophysiology and molecular biology	Researcher	Georgi Gamkrelidze	21.03.2022	SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA (FR-21-5004)
Prevention of epileptogenesis, inositol isomers, their target proteins and proteomics of cellular thermal shift assay	Project Manager	Lia Tsverava	17.12.2021	SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA

Completed projects

Project title	Position	Project head	Start Date	End Date	Donor
Promotion of natural sciences in schools	Principal personnel	Sophio Kalmaxelidze	01.11.2023	30.06.2024	Shota Rustaveli National Science Foundation (SPG-23-715)
The effects of Deep Brain Stimulation of the Medial Septum on hippocampal morphology, neurochemistry and memory function in cognitively impaired aged rats	researcher	Maia Burjanadze	01.07.2020	31.12.2020	Shota Rustaveli National Science foundation (FR-18-11783)
Influence of metal ions on Arthrobactery type bacteria on the process of Cr(VI) reduction	researcher	Olia Rcheulishvili	26.12.2016	26.12.2019	Shota Rustaveli National Science foundation (218018)
Molecular mechanisms of memory in visual imprinting of chicks	researcher	Revaz Solomonias	9.12.2016	9.12.2019	Shota Rustaveli National Science foundation (217592)
Molecular mechanisms of Mio-inositol action on epileptogenesis	Phd student	lia tsverava	31.03.2015	30.03.2016	Shota Rustaveli National Science foundation (DO/59/7-222/14)
GG23. Creation of Sustainable Immunodiagnostics	researcher	revaz solomonias	31.12.2014	30.01.2016	Defense Threat Reduction Agency and U.S. Civilian Research and Development Foundation

Scientific Fields (2018-2020)

Main Field

Field: 1. Natural sciences

Sub-Field: 1.6 Biological sciences

Subject area: 1.6.3 Biochemistry and molecular biology

Scientific Fields (2021-2024)

Main Field

Field: 2. Life Sciences

Sub-Field: 2.5 Neuroscience and Disorders of the Nervous System

Subject area: 2.5.11 Neurological and neurodegenerative disorders

Additional Field (1)

Field: 2. Life Sciences

Sub-Field: 2.1 Molecular Biology, Biochemistry, Biophysics, Structural Biology

Subject area: 2.1.2 Biochemistry

Employment History

Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
I.Beritashvili Center of Experimental Biomedicine	Laboratory of Biochemical Neuropharmacology	researcher	research	19.04.2018
Ilia State University	Institute of Chemical Biology	researcher	research	20.01.2017

Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
Ilia State University	Institute Of chemical biology	researcher	research	20.01.2017	31.12.2017

Scientific Productivity

Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	George Burjanadze, Mariam Shengelia, Lia Tsverava, Mariam Mikadze, Elene Davitashvili, Revaz Solomonias & Nana Koshoridze	Interplay between NMDA receptor modulation and Na/K ATPase activity under the social isolation-induced stress in the hippocampus of male rats	Indian Journal of Biochemistry & Biophysics	2024
Article	Nino Oganezovi, Vincenzo Lagani, Marine Kikvidze, Giorgi Gamkrelidze, Lia Tsverava, Eka Lepsveridze, Kevin M. Kelly, Revaz Solomonias.	Long-term effects of myo-inositol on traumatic brain injury: Epigenomic and transcriptomic studies	IBRO Neuroscience Reports	2024
Article	Lia Tsverava, Luka Kharkhauri, Vincenzo Lagani, Giorgi Gamkrelidze, Veriko Bokuchava, Tamar Kiguradze, Merab Kokaia, Revaz Solomonias	Preventing epileptogenesis by interaction between inositol isomers and proteins	Epilepsia Open	2024
Article	Gocha Golubiani, Laura van Aken, Lia Tsverava, Revaz Solomonias and Michael Müller .	Mitochondrial Proteome Changes in Rett Syndrome	MDPI	2023
Article	Maia A. Burjanadze, Manana G. Dashniani, Revaz O. Solomonias, Gela V. Beselia, Lia Tsverava, Vincenzo Lagani, Nino C. Chkhikvishvili, Temur L. Naneishvili, Lali B. Kruashvili, Mariam R. Chighladze	Age-related changes in medial septal cholinergic and GABAergic projection neurons and hippocampal neurotransmitter receptors: relationship with memory impairment	Experimental Brain Research	2022
Article	Olia Rcheulishvili, Nunu Metreveli, Revaz Solomonias, Lia Tsverava, Hoi Ying Holman.	Bioremediation potential of hexavalent chromium-resistant <i>Arthrobacter globiformis</i> 151B: study of the uptake of cesium and other alkali ions	International Microbiology	2022

Type	Authors	Publication title	Source title	Year
Article	Manana Kandashvili , Georgi Gamkrelidze , Lia Tsverava, Tamar Lordkipanidze, Eka Lepsveridze, Vincenzo Lagani , Maia Burjanadze, Manana Dashniani, Merab Kokaia, and Revaz Solomonias	Myo-Inositol Limits Kainic Acid-Induced Epileptogenesis in Rats	MDPI	2022
Article	Lia Tsverava, Nazibrola Chitadze, Gvantsa Chanturia, Merab Kekelidze, David Dzneldadze, Paata Imnadze, Amiran Gamkrelidze, Vincenzo Lagani, Zaza Khuchua, Revaz Solomonias	Antibody profiling reveals gender differences in response to SARS-COVID-2 infection	Medrxiv	2021
Article	Chitadze L, Margvelani G, Meparishvili M, Tsverava L, Mikautadze E, KikvidzeM, Lagani V, McCabe BJ, Solomonias R.	Chicken cognin interactome andthe memoryof filial imprinting	Neuroreport	2020
Article	Lia Tsverava , Manana Kandashvili, Giorgi Margvelani, Tamar Lortkipanidze , Georgi Gamkrelidze, Eka Lepsveridze, Merab Kokaia and Revaz Solomonias.	Long-Term Effects of Myoinositol on Behavioural Seizures and Biochemical Changes Evoked by Kainic Acid Induced Epileptogenesis.	BioMed Research International	2019
Article	O. Rcheulishvili, L. Tsverava , A. Rcheulishvilia , M. Gurielidze , R. Solomonias , N. Metreveli , N. Jojua , H-Y Holmane	Heavy metals specific proteomic responses of a highly resistant Arthrobacter globiformis 151B	Annals of Agrarian Science	2018
Article	Lia Tsverava , Tamar Lordkipanidze, Eka Lepsveridze, Maia Nozadze, Marina Kikvidze Revaz Solomonias	Myo-inositol prevents the cell loss and biochemical changes induced by kainic acid status epilepticus	BioMed Research International Volume	2016
Article	Nozadze M, Zhgenti E, Meparishvili M, Tsverava L, Kiguradze T, Chanturia G, Babuadze G, Kekelidze M4, Bakanidze L, Shutkova T, Imnadze P,Francesconi SC, Obiso R, Solomonias R.	Comparative Proteomic Studies of Yersinia pestis Strains Isolated from Natural Foci in the Republic of Georgia	Front Public Health	2015

Scholarships and awards

Scholarships/awards name	Issuer	Year of Issue
Rustaveli Foundation Award for Outstanding Achievement in Science	SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA	2021

Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
Association of Georgian Biochemists IV conference	Cellular Thermal Shift Assay for the identification of inositol action target proteins	Ilia State University	2022
National Scientific Forum	Covid-19 in the reality of 2021 Georgia	IVANE BERITASHVILI CENTER OF EXPERIMENTAL BIOMEDICINE	2021
III Conference of Georgian Biochemical Societies	Long-Term Effects of Myo-inositol	Tbilisi	2019
Neurobiology actual issues	Myo-inositol prevents the cell loss and biochemical changes induced by kainic acid status epilepticus	Tbilisi	2016
III International Symposium Neuroplasticity: nervous substrate for health and disease. New approaches for research.	Influence of MI on apoptotic markers after Kainic acid induced Status Epilepticus	Tbilisi	2014

Productivity index

#	Citation index	h-index
Google scholar	65.00	6.00