

CV

1. Surname

Name

Lepsveridze	Eka
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2. Personal and Contact information

Work address: Ilia State University, Building G Room 209, Kakutsa Cholokashvili Ave 3/5 Tbilisi 0162, Georgia

Citizenship: Georgia

e-mail address: eka_lepsveridze@iliauni.edu.ge

3. Work experience

Work Period	From - 2013 to - present
Employer	Ilia State University
Address of Employer	Kakutsa Cholokashvili Ave 3/5, Tbilisi 0162, Georgia
Position	Professor of Neurobiology
Duties and Responsibilities	Giving lectures at Bachelor, Master and PhD levels (in English and in Georgian) Supervising/managing research projects

Work Period	From- 2013 to – 2014 (fall semester) 2017 (spring semester)
Employer	Tbilisi Medical Academy (TMA)
Address of Employer	51/2 Ketevan Dedofali Ave, Tbilisi 0144, Georgia
Position	Invited lecturer
Duties and Responsibilities	Giving lectures (in English)

Work Period	From - 2011 to - 2013
Employer	Ilia State University
Address of Employer	Kakutsa Cholokashvili Ave 3/5, Tbilisi 0162, Georgia

Position	Associate-Professor of Neurobiology
Duties and Responsibilities	Giving lectures at Bachelor, Master and PhD levels, Conducting research

Work Period	From - 2007 to - 2011
Employer	Ilia State University
Address of Employer	Kakutsa Cholokashvili Ave 3/5, Tbilisi 0162, Georgia
Position	Assistant-Professor of Neurobiology
Duties and Responsibilities	Giving lectures at Bachelor, Master and PhD levels, Conducting research

4. Educational and scientific degrees

Date	From - 2003 to - 2006
Institution(Faculty)	Department of Biology, Faculty of Mathematics, Informatics and Natural sciences, University of Hamburg, Germany.
Specialty	Neuroscience
Diploma/Certificate №	
Qualification	Dr. of Natural Sciences
Dissertation Title	“Synaptic transmission and plasticity in major excitatory hippocampal synapses of L1 conditional and CHL1 constitutive knockout mice (Mus musculus L., 1758)”

Date	From - 1999 to - 2001
Institution(Faculty)	Department of Human and Animal Physiology Ivane Javakhishvili State University of Tbilisi, Georgia
Specialty	Human and Animal Physiology
Diploma/Certificate №	# 01169
Qualification	Master of Biology

Date	From - 1995 to - 1999
Institution (Faculty)	Faculty of Biology and Medicine Ivane Javakhishvili State University of Tbilisi, Georgia

Specialty	Biology
Diploma/Certificate №	# 00836
Qualification	Bachelor of Biology

5. Additional educational courses/trainings

Date	From - 2001 to - 2002
Institution	International House Tbilisi
Training/Course Topic	English language
Diploma/Certificate №	
Qualification	Level post-advanced

6. Research papers

Oganezovi N, Lagani V, Kikvidze M, Gamkrelidze G, Tsverava L, Lepsveridze E, Kelly K, Solomonina R. (2024) Long-term effects of myo-inositol on traumatic brain injury: epigenomic and transcriptomic studies, IBRO neuroscience reports, accepted for publishing

Kandashvili M, Gamkrelidze G, Tsverava L, Lordkipanidze T, Lepsveridze E, Lagani V, Burjanadze M, Dashniani M, Kokaia M, Solomonina R. (2022) Myo-Inositol Limits Kainic Acid-Induced Epileptogenesis in Rats. *Int J Mol Sci.* 2022 Jan 21;23(3):1198. doi: 10.3390/ijms23031198.

Tsverava L., Kandashvili M., Margvelani G., Lordkipanidze T., Gamkrelidze G., Lepsveridze E., Kokaia M., Solomonina R. (2019) Long-Term Effects of Myoinositol on Behavioural Seizures and Biochemical Changes Evoked by Kainic Acid Induced Epileptogenesis, *Biomed Res Int.* PMID: PMC6421025 DOI: 10.1155/2019/4518160

Tsverava L., Lordkipanidze T., Lepsveridze E., Nozadze M., Kikvidze M., Solomonina R. (2016) Myoinositol Attenuates the Cell Loss and Biochemical Changes Induced by Kainic Acid Status Epilepticus. *Biomed Res Int.* 2016:2794096.

Kelly KM., Miller ER., Lepsveridze E., Kharlamov EA., Mchedlishvili Z. (2015) Posttraumatic seizures and epilepsy in adult rats after controlled cortical impact. *Epilepsy Res.* 117:104-16.

Schmalbach B., Lepsveridze E., Djogo N., Papashvili G., Kuang F., Leshchyn'ska I., Sytnyk V., Nikonenko AG., Dityatev A., Jakovcevski I., Schachner M. (2015) Age-dependent loss of parvalbumin-expressing hippocampal interneurons in mice deficient in CHL1, a mental retardation and schizophrenia susceptibility gene. *J Neurochem.* 2015 135(4):830-44.

Solomonina R., Lepsveridze E., Kiguradze T., Nozadze M. (2013) Inositols and Epilepsy, *Inositol: Synthesis, Functions and Clinical Implications (Book)*, NOVA publishers, Edited by Rocha H. and Cardoso M. 105-127

Solomonina R, Gogichaishvili N, Nozadze M, Lepsveridze E, Dzeladze D, Kiguradze T. (2013) Myo-inositol treatment and GABA-A receptor subunit changes after kainate-induced status epilepticus. *Cell Mol Neurobiol.* 33(1):119-27.

Kharlamov E.A., Lepsveridze E., Meparishvili M., Solomonias, Lu B., Miller E.R., Kelly K.M., Mtchedlishvili Z. (2011) Alterations of GABAA and glutamate receptor subunits and heatshock protein in rat hippocampus following traumatic brain injury and in posttraumatic epilepsy. *Epilepsy Research*, 95(1-2):20-34

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7. Participation in scientific conferences

2023 Congress for Clinical Neuroscience with Advanced Training Academy. Brain Network Dynamics Analysis, Modeling, Modulation.

Hamburg, Germany

2019 FEBS workshop on Molecular Life Sciences and Education

Tbilisi, Georgia

2017 42nd FEBS Congress, From Molecules to Cells and Back

Jerusalem, Israel

2017 Annual meeting of Association of University technology Managers (AUTM)

Hollywood, FL, USA

2014 III International symposium, Neuroplasticity: nervous substrate for health and disease, new approaches for research. I.Beritashvili center of Experimental Biomedicine,

Tbilisi, Georgia

2012 ISTCII international conference, Neuroplasticity: nervous substrate for health and disease, new approaches for research I.Beritashvili center of Experimental Biomedicine,

Tbilisi, Georgia

8. Grants received from scientific projects.

2023-2025 BMZ, GIZ, “Brain Research in Georgia” 20021837, Manager from Ilia State University

2020-2023 Shota Rustaveli national Science Foundation “Myo-inositol and posttraumatic epilepsy” (FR-19-5429), PI

2015-2018 Shota Rustaveli national Science Foundation, “Inositols and prevention of Epileptogenesis” (DI/9/7-222/14) Co-PI

2014-2017 CRDF/GRDF Creation of Technology Commercialization Office in Georgia – Ilia State University (A60730) PI

2014-2016 CRDF/GRDF/Shota Rustaveli national Science Foundation “Centre for pathogen research and education” (A60353) Research Manager

2009 CRDF/GNSF/GRDF “Study of electrobehavioral and biochemical correlates of traumatic brain injury and ways for its prevention” (GNSS0108) Project manager

2008-2010 Georgian national Science Foundation, “Gene expression and recognition memory” (RN-N235) Researcher

9. Lecture courses conducted at Georgian and foreign Universities over the last ten years.

Course name	University
Basics in Neurobiology (in Georgian)	Ilia State University
Basics in synaptic transmission (in Georgian)	Ilia State University
Medical Physiology (in English)	Tbilisi Medical Academy
Nervous system/Physiology (in English)	Ilia State University
Forms of learning and memory and molecular and physiological mechanisms (in Georgian)	Ilia State University

10. Computer programs

MS office, Sigma plot, Photoshop, Minitab

11. language skills (write in the appropriate boxes: native, C1, B2, B1, A2)

Language	Reading	Writing	Listening	Speaking
English	C1	C1	C1	C1
Russian	C1	B2	C1	B2
German	B1	B1	B1	B1