



PhD Eka Lepsveridze is a Professor of Neurobiology at Ilia State University. Professor Lepsveridze graduated Tbilisi State University and continued her research carrier in Hamburg, at the Center for Molecular Neurobiology. Professor Lepsveridze got Doctor Degree in Natural Sciences, at the Hamburg, Department of Biology, Faculty of Mathematics, Informatics and Natural Sciences. Professor Lepsveridze received several awards for scientific achievements.

Professor Lepsveridze's scientific interests are: Human and Animal Physiology, Neurobiology, Learning and Memory, Epilepsy, Pathogenic Organisms.

Professor Lepsveridze is an author of about 20 ore then 10 scientific articles, published in prestigious peer reviewed journals. Some of them are:
Posttraumatic seizures and epilepsy in adult rats after controlled cortical impact. Kelly KM, Miller ER, Lepsveridze E, Kharlamov EA, Mchedlishvili Z. *Epilepsy Res.* 2015 Nov;117:104-16.

Myoinositol Attenuates the Cell Loss and Biochemical Changes Induced by Kainic Acid Status Epilepticus. Tsverava L, Lordkipanidze T, Lepsveridze E, Nozadze M, Kikvidze M, Solomonias R. *Biomed Res Int.* 2016;2016:2794096. doi: 10.1155/2016/2794096. Epub 2016 Aug 23.

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

Long-Term Effects of Myoinositol on Behavioural Seizures and Biochemical Changes Evoked by Kainic Acid Induced Epileptogenesis. Tsverava L, Kandashvili M, Margvelani G, ortkipanidze T, Gamkrelidze G, Lepsveridze E, Kokaia M, Solomonias R. Biomed Res Int. 2019 Feb 8;2019:4518160. doi: 10.1155/2019/4518160. eCollection 2019.

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

Anticonvulsant activities of myo-inositol and scyllo-inositol on pentylenetetrazol induced seizures. Nozadze M, Mikautadze E, Lepsveridze E, Mikeladze E, Kuchiashvili N, Kiguradze T, Kikvidze M, Solomonias R. Seizure. 2011 Mar;20(2):173-6.

eka_lepsveridze@iliauni.edu.ge