



Nino Pochkhidze, MS, PhD student of Molecular Neurobiology at Ilia State University and Researcher of Department of Brain Ultrastructure and Nanoarchitecture at Ivane Beritashvili Center of Experimental Biomedicine. *Nino Pochkhidze's main interests are behavioral (social activities, cognition, emotional sphere), morphological, ultrastructural and nanoarchitectural effects of inhalants with addictive properties in the organisms of different ages.* In her PhD research, Nino Pochkhidze explores short and long-term consequences on toluene chronic exposure on adolescent and adult rats. In addition, Nino Pochkhidze investigates these effects on the models of Autism (Rodent Propionic Acid and Butirate Acid models of Autism), chronic loud Noise Exposure and Aging. Nino Pochkhidze is awarded with President Grant for Young Scientists, two grants from Sigma Xi (USA), Shota Rustaveli National Science Foundation PhD Grant and more than 30 travel awards from organizing committees of international conferences. Nino Pochkhidze is the participant of six scientific grants funded by Shota Rustaveli National Science Foundation. Nino Pochkhidze was the member of organizing committees of a number of international scientific symposiums and schools for young scientists (2015-2019). Nino Pochkhidze is an author of more than 15 scientific articles, including 4 articles published in prestigious foreign scientific journals and editions. Among them:

Effect of propionic acid on the morphology of the amygdala in adolescent male rats and their behavior. Lobzhanidze G, Lordkipanidze T, Zhvania M, Japaridze N, MacFabe DF, Pochkidze N, Gasimov E, Rzaev F. *Micron*. 2019 Oct;125:102732. doi: 10.1016/j.micron.2019.102732. Epub 2019 Aug 6.

PMID:31437571

Chronic Toluene Exposure and the Hippocampal Structure in Adolescent and Adult Brains Zhvania MG, Japaridze NJ, Gelazonia L, Pochkhidze N Chapter 28., In: Neuropathology of Drug Addictions and Substance Misuse. Volume 2 (Ed. Victor Predy). pp 1012-102 Elsevier, 2016

Neuronal Porosome Complex: The Secretory Machinery at the Nerve Terminal, (Zhvania MG, Pochkhidze N) In: Discoveries Journal (Harvard University) Accepted, volume 30,2017,

<https://www.discoveriesjournals.org/discoveries/D.2017.03.FR.Zhvania.pdf>

Exploratory behavior and recognition memory in medial septal electrolytic, neuro- and immunotoxic lesioned rats. Dashniani MG, Burjanadze MA, Naneishvili TL, Chkhikvishvili NC, Beselia GV, Kruashvili LB, Pochkhidze NO, Chighladze MR. Physiol Res. 2015;64(5):755-67. Epub 2015 Mar 24.

PMID:25804089

Membership in International and National Scientific Societies:

- Federation of European Biochemical Societies (**FEBS**)
- Georgian Society of Physiologists
- Federation of European Neuroscience Society (**FENS**)
- International Brain Research Organization (**IBRO**)
- International Society for Neurochemistry (**ISN**)
- European Academy of Neurology Society (ENS)
- **Sigma Xi**