

CURRICULUM VITAE

Personal information:

Name: Marine Kikvidze

Citizenship: Georgian

Gender: Female

E-mail:

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Current position: Associate Professor at Ilia State University (ISU), School of Natural Sciences and Medicine, Institute of Chemical Biology
Tbilisi, Georgia

Education:

- 2006 Doctor's degree in Biology, S. Durmishidze Institute of Biochemistry and Biotechnology, Georgian Academy of Sciences
Title of thesis: "Selection of effective plant-microbe associations for intensification of nitrogen fixation and bioremediation of the soils contaminated with 2,4,6-trinitrotoluene".
- 1991-1994 Postgraduate school of biochemistry, Institute of Biochemistry and Biotechnology
- 1988 Tbilisi State University,
Faculty of Biology (with honors)

Trainings/Conferences:

- 2015 The European Union (EU) Chemical, Biological, Radiological and Nuclear (CBRN) risk mitigation centres of excellence (COE) initiative
- 2015 GG23 Project - Clone Expansion, & Chromatography Training
- 2014 GG23 Project ELISA, Hybridoma, & Chromatography Training
- 2014 GG23 Project - Training on antigen, Training on antibody purification
- 2014 III Internatiopnal Symposium Program, Neuroplasticity: Nervous substrare for health and disease. New approaches for reserch
Tbilisi, Georgia

2013 FEBS Workshop on Molecular Life Sciences Education Tbilisi, Georgia
2013 English for Specific Purposes (ESP) training for scientists

Work experience:

2013 – present Ilia State University, associate professor.
2008-2013 Ilia State University, assistant professor.
2003-2012 Factory “Tolia” of “Qartu-university”, the department of quality control, biochemist and microbiologist.
1994-2006 Institute of Biochemistry and Biotechnology, scientist
1991-1994 Institute of Biochemistry and Biotechnology, PhD student
1989-1991 Institute of Biochemistry and Biotechnology, senior laboratory assistant

Grants:

2014-1016 CRDF/GRDF/Shota Rustaveli National Science Foundation “Center for Pathogen Research and Education” (60353)
2014-2016 GG23 Creation of sustainable immunodiagnostics
2004-2005 №-14.2.02 Nitrogen assimilation of wheat and corn selective strains dependenc on bound nitrogen in soil and nitrogen-fixing microorganisms
2002-2003 №-14-7 Nitrogen fixation and assimilation process of symbiotic system correlation in legume plants.
2000-2001 №-14-2 Establishment of ways of nitrogen assimilation of enzymatic system and protein production in legume plants

Membership of the scientific communities:

Member of Association of Georgian Biochemists (member of FEBS)

Languages: Georgian-native
Russian
English

List of Publications:

- L. Chitadze, G. Margvelani, M. Meparishvili, L. Tsveravaa, E. Mikautadze, M. Kikvidze, V. Lagani, B. J. McCabe and R. Solomonias. Chicken cognin interactome and the memory of filial imprinting. *Neuroreport*, 2020 Feb 24. doi: 10.1097/WNR.0000000000001417.

- Tsverava L., Lordkipanidze T., Lepsveridze E., Nozadze M., Kikvidze M., Solomonias R. 2016 Myoinositol attenuates the cell loss and biochemical changes induced by kainic acid status epilepticus.
- Nozadze M, Mikautadze E, Lepsveridze E, Mikeladze E, Kuchiashvili N, Kiguradze T, Kikvidze M, Solomonias R. 2011. Anticonvulsant activities of myo-inositol and scyllo-inositol on pentylenetetrazol induced seizures. *European Journal of Epilepsy*. Mar;20(2): 173-6.
- Bagalishvili M., Basilashvili L., Kikvidze M., Gurielidze M., Nutsunidze N. Determination of antimicrobial activity of nitrogen fixing bacteria. *Proceedings of the Georgian Academy of Sciences*, 2007, vol. 2, No.2, p.6-12.
- M. Kikvidze, L. Basilashvili, M. Bagalishvili and N. Nutsunidze. The study of biodegradational potency of nitrogen fixing microorganisms. *Journal of Biological Physics and Chemistry (JBPS)*, 2006, vol. 6, No. 4.
- M. Bagalishvili, M. Kikvidze, L. Basilashvili, Nutsunidze N. Improvement of Plant Growth and Development via Associative Nitrogen Fixers. *Proceedings of the Georgian Academy of Sciences*, 2005, vol. 3, No.2, p.5-11.
- D. Pataraya, M. Bagalishvili, M. Kikvidze, L. Basilashvili, M. Gurielidze, T. Chigvinadze, N. Nutsunidze. Nitrogenase Activity of Associative Nitrogen Fixing Microorganisms and their Role in Maize Growth, Development and Productivity. *Journal of Biological Physics and Chemistry (JBPS)*, 2005, vol. 5, No. 1.
- L. Basilashvili, M. Kikvidze, M. Bagalishvili, N. Nutsunidze. The Influence of *Azospirillum* on nitrogen supply in *Setaria italica*. *Bulletin of the Georgian Academy of Sciences*. 2004, v.170, N3, p.611-614.
- Basilashvili L., Kikvidze M., Bagalishvili M., Nutsunidze N. Selection of the mixed and monoculture of nitrogen-fixing microorganisms for production of microbial preparations. *Bulletin of the Georgian Academy of Sciences*. 2004, v.169, N1, p.161-164.
- Basilashvili L., Bagalishvili M., Kikvidze M., Nutsunidze N. Influence of *Azospirillum brasilense* of soybean and nodule bacteria symbiosis. *Bulletin of the Georgian Academy of Sciences*. v.166, N1, 124-127, 2002.
- Basilashvili L., Kikvidze M., Bagalishvili M., Nutsunidze N. Effect of *Azospirillum* on the growth and supply with nitrogen of *Zea mays*. *Bulletin of the Georgian Academy of Sciences*. v.163, N1, 167-170, 2001.
- Pataraya D. Basilashvili L., Bagalishvili M., Kikvidze M., Betsiashvili M., Nutsunidze N. Influence of module bacteria and different microorganisms on soybean growth. *Bulletin of the Georgian Academy of Sciences*. v.160, N2, 334-336, 1999.