



Ekaterine Mikautadze

Doctor of Biology

WORK EXPERIENCE

2018 till present	Shota Rustaveli National Science Foundation of Georgia, Science Communication Office
2016-2018	Ilia State University, School of Arts and Sciences, Coordinator of Teacher Preparation Programme and School Practice
2014	Ilia State University, Office of Development, Coordinator of Science Picnic
2012-2016	Ivane Beritashvili Center of Experimental Biomedical, Department of Biochemistry, Senior researcher
2009-2010	University Medical Center Hamburg-Eppendorf of Center for Molecular, Neurobiology Hamburg, Institute of Biosynthesis of Neural Structures Guest Researcher

EDUCATION

2008-2012	PhD in Biochemistry and Neurobiology, Ilia State University, Georgia
2003-2005	Master in Inorganic Chemistry, Faculty of Chemistry, Tbilisi State University, Georgia, the qualification of Chemist
1999-2003	Bachelor in Chemistry, Faculty of Chemistry, Tbilisi State University Georgia, the qualification of Teacher of Chemistry

TRAINING

2018	Intrnational workshop “Action Research to Innovate Science Teaching“, SALiS, Ilia State University, Tbilisi
2014	Do it yourself microbial Genome Sequence analysis, ASM2014, Boston, USA
2013	Workshop on Molecular Life Science Education, FEBS, Tbilisi
2012	Student Active Learning in Science, TEMPUS Project, Tbilisi



2012	Management of intellectual property of bioscientists in Georgia, Battelle, Tbilisi, Georgia
2011	Introduction to Business and Grant Writing. Intensive course of business plan and grant writing, Battelle, Tbilisi, Georgia
2011	3 rd BACAC (Biosafety Association for Central Asia & The Caucasus) Conference, Tbilisi, Georgia, September 27-30, 2011
2008	IBRO Neuroscience Course, Tbilisi, Georgia, April 8-16, 2008

PUBLICATIONS, Abstracts

2018	მ. ჩირიკაშვილი, ე. მიქაუტაძე (2018) „კავშირები ქიმიის სწავლებასა და ყოველდღიურობას შორის საგაკვეთილო პროცესში“, <i>ელ. ჟურნალი - „განათლების მეცნიერება“</i> , 10(57), http://www.jes.org.ge/number/10/article/57/
2014	E. Mikautadze , M. Meparishvili, M. Nozadze, G. Margvelani, R. Solomonias (2014) „Proteomic study of proteins involved in the memory of imprinting in chicks“, <i>Physiology</i> , ISSN 1223-2076 Printed version, e-ISSN 2247-2061, ISSN-L 1223-2076;
2013	R. Solomonias, M. Meparishvili, E. Mikautadze , N. Kunelauri, D. Apkhazava, B.J. McCabe (2013) “AMPA receptor phosphorylation and recognition memory: learning-related, time-dependent changes in the chick brain following filial imprinting”, <i>Exp Brain Res.</i> , 226(2):297-308
2012	E. Azmaiparashvili, E. Berishvili, Z. Kakabadze, O. Pilishvili, E. Mikautadze , R. Solomonias, M. Jangavadze, D. Kordzaia (2012) “Ductular reaction at the early terms of common bile duct ligation in the rats” <i>Acta Biol Hung.</i> , 63(3):321-32.
2012	სახელმძღვანელო „კვლევაზე დაფუძნებული სწავლება - ექსპერიმენტები“, ინგო აილკსი, სილვია მარკიჩი, კლაუს ბოლტე, საბინე შტრელერი, სარა ჰესი, მარია კაპანაძე, ქეთევან კუპატაძე, ეკატერინე მიქაუტაძე
2011	R. Solomonias, N. Kunelauri, E. Mikautadze , D. Apkhazava, B.J. McCabe, G. Horn (2011) “Mitochondrial proteins, learning and memory: biochemical specialization of a memory system” <i>Neuroscience</i> , 194:112-23
2011	M. Nozadze, E. Mikautadze , E. Lepsveridze, E. Mikeladze, N. Kuchiashvili, T. Kiguradze, M. Kikvidze, R. Solomonias (2011) “Anticonvulsant activities of myo-inositol and scyllo-inositol on pentylenetetrazol induced seizures” <i>Seizure</i> , 20(2):173-6
2011	E. Mikautadze , M. Nozadze, E. Lepsveridze, E. Mikeladze, N. Kuchiashvili, T. Kiguradze, R. Solomonias (2011) “Myo-inositol and scyllo-inositol as anticonvulsants on pentylenetetrazol induced seizures”, IBRO 2011 abstracts book;



2010	R. Solomonias, E. Mikautadze , M. Nozadze, N. Kuchiashvili, E. Lepsveridze, T. Kiguradze (2010) “Myo-inositol treatment prevents biochemical changes triggered by kainate-induced status epilepticus” <i>Neurosci Lett.</i> , 468(3):277-81
2008	R. Solomonias, M. Nozadze, E. Mikautadze , N. Kuchashvili, T. Kiguradze, D. Apkhazava, V. Pkhakadze, I. Mamulaishvili, E. Mikeladze, N. Avaliani (2008) “Study of Effect of Oleamide on pentilentetrazol induced convulsions in rats”. <i>Bulletin of Experimental Biology and Medicine</i> , 145(2) 225-227
2008	E. Mikautadze , N. Avaliani, N. Kuchiashvili, M. Nozadze, T. Kiguradze, V. Pkhakadze, I. Mamulaishvili, E. Mikeladze, R. Solomonias (2008) “Anti-epileptic properties of oleamide” <i>BMC Proceedings</i> , 2(1), 42;
2006	R. Solomonias, M. Nozadze, E. Mikautadze , N. Kuchiashvili, V. Pkhakadze, I. Mamulaishvili. (2006) “Quantitative changes in the amounts of calcium/calmodulin-dependent protein kinase II and heat shock protein 90 in the hippocampus of rats after status epilepticus induced by kainic acid”. <i>Proc. Georgian Acad. Sci., Biol. Ser. A</i> , 32 (2): 409-413
2003	L. Jioshvili, R. Gigauri, B. Jioshvili, M. Abashmadze, E. Mikautadze , T. Chuadze (2003) “Complexes of tetratioarsenates of some d-metals with formylhydrazine”. <i>Georgian Chemical Journal</i> , 3(2): 115-117

PARTICIPATION IN LOCAL AND INTERNATIONAL RESEARCH/EDUCATIONAL PPROJECTS

2017	Assessment Tools for new learning environments in higher education institutions / ASSET, ERASMUS+ Programme
2017	Development of professional skills of teachers in small schools in Western Georgia, TPDC
2016-2017	Action Research to Innovate Science Teaching / ARTIST, ERASMUS+ Programme
2014	Protein cognine and recognition memory , SRNSFG
2013-2016	Epidemiology and pathology of tularemia in Georgia, GG19, DTRA, GRDF
2013-2016	Chain Reaction: A Sustainable Aproach to Inquiry based Science Education, FP7 European Union’s Seventh Framework Programme
2012-2014	Professional Reflection-Oriented Focus on Inquiry-based Learning and Education through Science / PROFILES, FP7 European Union’s Seventh Framework Programme
2011-2012	Student Active Learning in Science / SALiS, TEMPUS Programme
2008-2009	Gene expression and reorganization memory, GNSF



PARTICIPATION IN INTERNATIONAL SCIENTIFIC CONFERENCES

2016	First National Teacher Conference of Science Education Research Center, Organizer, April 16, 2016;
2016	Students' Third National Conference, Organizer, Tbilisi, Georgia, February 27, 2016;
2015	Students' Second National Conference, Organizer, Tbilisi, Georgia, March 14, 2015
2014	The Conference of the National Neuroscience Society of Romania 2014 (SNN2014), Poster (Prize-Third Place Owner), Bucharest, Romania, 23-25 October, 2014
2014	PROFILES Second International Conference, Berlin, Germany, 25-27 August, 2014
2014	114th Annual Conference of American Microbiology Association, Boston, USA, 17 - May 20, 2014;
2014	Teachers' National Conference, Ilia State University, Organizer, 31 May, 2014;
2014	Students' First National Conference, Organizer, Tbilisi, Georgia, March 15, 2014;
2012	SALiS Final Conference, Organizer, Tbilisi, Georgia, 28-30 August, 2012;
2011	8 th IBRO World Congress of Neuroscience, Poster, Florence, Italy, 14-18 July, 2011;
2011	3 rd BACAC (Biosafety Association for Central Asia & the Caucasus) Conference, Tbilisi, Georgia, 27-30 September, 2011;
2010	ISTC International Scientific Seminar, "Neuroplasticity: Nervous Substrate for Health and Disease", Poster, Tbilisi, Georgia, 17-19 October, 2010;
2010	"Gagra Talks" Conference on the Fundamental Issues of Neuroscience, Poster, Tbilisi, Georgia, 13-16 October 2010;

MEMBERSHIP OF SCIENTIFIC ASSOCIATIONS and SCHOLARSHIP

2016	Science on stage Georgia Member of the Supervisory Board
2013	Member of the Georgian Biochemists Association and FEBS
2008	Member of the Georgian Neuroscientists Association, FENS and IBRO
2014	Presidential Scholarship for Young Scientists, Rustaveli Scientific Foundation
2009	Research Scholarship for PhD students and young scientists, DAAD (German Academic Exchange Service)



შოთა რუსთაველის საერთაშორისო
ეროვნული სამეცნიერო ფონდი

SHOTA RUSTAVELI NATIONAL SCIENCE
FOUNDATION OF GEORGIA

LANGUAGES

Georgian	Native
English	B2
Russian	B1
German	A1