

Ketevan Menabde CV 2018

Personal Information:

First name:	Ketevan
Second name:	Menabde
Nationality :	Georgian
Place of Birth:	<u>Tbilisi, Georgia</u>
Date of birth:	15. 08. 1958
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Education:

Iv. Javakhishvili Tbilisi State University	1975 -1980	biology - biochemistry biologist, teacher of biology and chemistry
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The degree of Phd:

Biology 03. 00. 04; N 001792, september 1998
decision of the Dissertation Board B03. 04 C N1 (protocol N 21 of 29.05.98)

Work Experience:

1980 - 1986	Inst. of Pharmacochemistry Dep. of Pharmacology Senior laboratory assistant Iv.
1986 - 1992	iv. Javakhishvili Tbilisi State University Chair of Biochemistry and Biotechnology Laboratory assistant
1992 -2000	iv. Javakhishvili Tbilisi State University Chair of Biochemistry and Biotechnology Junior researcher
2000 -2006	iv. Javakhishvili Tbilisi State University Chair of Biochemistry and Biotechnology Senior Researcher
2006-2011	Iv. Javakhishvili Tbilisi State University TSU, Faculty of Exact and Natural Sciences, Department of Biology, Course of Biochemistry; Inst. for Research Biochemical Mechanisms of Stress Resercher, Invited Professor
2011-2016	Javakhishvili Tbilisi State University, Faculty of Exact and Natural Sciences, Department of Biology, Course of Biochemistry; Inst. for Research Biochemical Mechanisms of Stress Resercher, Invited Professor
2016 - present	iv. Javakhishvili Tbilisi State University Faculty of Exact and Natural Sciences, Department of Biology, Course of Biochemistry; assistant proffesor

Publications:

1	George Burjanadze, Mariam Shengelia, Natalia Dachanidze, Mariam Mikadze, Ketevan Menabde & Nana Koshoridze	Creatine-facilitated protection of stress caused by disrupted circadian rhythm	Biological Rhythm Research, P.1-75 , Published online: 05 Jun https://doi.org/10.1080/09291016.2017.1333198	2017
2	Nana Koshoridze, George Burjanadze, Ketevan Menabde , Zurab Kuchukashvili	Thyroid Gland Ecto-ATPase and Some of Its Kinetic Properties	Medical Research Archives 5, 12,	2017
3	NT Dachanidze, ZT Kuchukashvili, KO Menabde , NI Koshoridze.	Circadian rhythm disorders and dynamic changes of energy metabolism in rat heart muscle cells.	Biological Rhythm Research, 46 ,1, 39-51.	2015.
4	GM Burjanadze, ZT Kuchukashvili, MV Chachua, KO Menabde . NT Dachanidze NI Koshoridze.	Changes in activity of hippocampus creatine kinase under circadian rhythm disorders.	Biological Rhythm Research 45, 5, 685-697.	2014
5	N. Koshoridze K. Menabde Z.Kuchukashvili	Investigation of the Mg-HCO ³ -ATPase activity of Thyroid Tissue Cells under Various Pathologies	<i>The Scandinavian J. Clinical & Laboratory Investigation</i> 72,5, 363-368.	2012
6	Z.Kuchukashvili, G.Burjanadze, K. Menabde , M. Chachua, N.Dachanidze, M.Mikadze, N. Koshoridze.	Long-lasting stress, quantitative changes in nitric oxide concentration and functional state of brain mitochondria	<i>Acta Neurobiol Exp.</i> , 72, 1, 40-50.	2012

7	Kuchukashvili Z., Menabde K. , Chachua M, Burjanadze G, Chipashvili M, Koshoridze N.	Functional state of rat cardiomyocytes and blood antioxidant system under psycho-emotional stress.	<i>Acta Biochim Biophys Sin.</i> 43, 6, 480-486.	2011
8	Koshoridze N., Kuchukashvili Z., Menabde K. , Lekiasvili Sh., Koshoridze M.	Alterations in brain creatine concentrations under long-term social isolation (experimental study)	Georgian Medical News 2 (251), 70-77.	2016
9	N. N.Dachanidze, G.Burjanadze, Z.Kuchukashvili, K. Menabde , N. Koshoridze	Functioning of the antioxidant system under psycho-emotional stress	<i>J. Stress Physiology and Biochemistry.</i> 9, 4, 122-131. http://www.jspb.ru/issues/2013/N4/JSPB_2013_4_122-131.pdf	2013
10	Burjanadze G., Menabde K. , Gavashelidze M., Kuchukashvili Z., Koshoridze N.	Functional Status of mitochondrial pore in the brain of laboratory rats subjected to prolonged emotional stress.	<i>J. Stress Physiology and Biochemistry.</i> 7, 4, 88-96. http://www.jspb.ru/issues/2011/N4/JSPB_2011_4_88-96.html	2011
11	Menabde K. , Kuchukashvili Z, Chachua M, Chipashvili M, Koshoridze N.	Brain oxidation stress caused by isolation and violation of diurnal cycle.	<i>Bull. of the Georg. Nat. Acad. of Sci.</i> 5, 2, 87-91. http://science.org.ge/old/moambe/5-2/87-91%20Menabde.pdf	2011
12	Menabde K. , Burjanadze G, Kuchukashvili Z, Chachua M, Koshoridze N.	Tissue specificity of lipid peroxidation under emotional stress in rats.	<i>Ukr. Biochem J.</i> 83, 3, 82-88.	2011

13	Menabde K, Kuchukashvili Z, Koshoridze M, Burjanadze G, Mikadze M, Koshoridze N.	Characterization of the antioxidant system of rat blood and cardiomyocytes under stress conditions.	<i>J. Biological Physics and Chemistry.</i> 11,2, 54-59. http://www.amsi.ge/jbpc/21111/jbpc21111.htm 1	2011
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Scientific Conferences and Congresses:

1	July, 2017 "Affect of exogenous creatine on blood lipid spectrum" FEBS 42rd congress, Jerusalem FEBS JOURNAL 284, 347-348 October 11-14, 2015
2.	October 11-14, 2015 Nature of Change in Creatine Kinase and Ca ²⁺ ATPase Activity under Stress Caused Isolation and Violation of Natural Diurnal Cycle The Brain Conferences The Neurobiology of Sleep and Circadian Rhythm Moltkes Palae, Copenhagen, Dania http://www.fens.org/Meetings/The-Brain-Conferences/Past-Brain-Conferences1/Sleep-and-Circadian-Rhythm/
3	11-12, 2014 HIPOCHOLESTEROLEMIC EFFECT OF ETHYLACETATE EXTRACT OF FLAVONOIDS ISOLATED FROM SATUREJA HORTENSIS International Conference on Food and Biotechnology, ICFB Tbilisi, Georgia http://www.biopartners-dibb.ge/conference-home.html
4	July 5-9, 2014 IMPACT OF PSYCHO-EMOTIONAL STRESS ON ACTIVITY OF BRAIN ANTIOXIDANT SYSTEM AND ENERGY METABOLISM IN NATURALLY AGGRESSIVE (KILLER) ANIMALS 9th FENS Forum of Neuroscience Milan, Italy http://fens2014.neurosciences.asso.fr/
5	5-7 May, 2013

	<p>Changes in activity of enzymes related to energy metabolism in rat brain and functional state of mitochondria under psycho-emotional stress Cell Symposia Mitochondria:from Signaling to Disease Lisbon, Portugal http://www.cell-symposia-mitochondria.com/</p>
6	<p>5-7 May, 2013 Psycho-emotional stress and antioxidant system in brain mitochondria Cell Symposia Mitochondria:from Signaling to Disease Lisbon, Portugal http://www.cell-symposia-mitochondria.com/</p>
7	<p>September 4-9, 2012 Brain mitochondria and long-lasting psycho-emotional stress 22nd JUBMB and 37th FEBS Congress "From Single Molecules to System Biology" sevilla, Spain http://www.iubmb-febs-2012.org/IUBMBFEBS2012/</p>
8	<p>14-18 July, 2011 Functional status of brain mitochondria under psycho-emotional stress 8th World Congress of Neuroscience Florence - Italy http://www.ibro2011.org/site/home.asp</p>

Scientific Grants:

2014-2017	<p>Shota Rustaveli National Science Foundation, #FR/226/7-220/13, „Influence of psycho-emotional stress on brain energy metabolism of naturally aggressive individuals”, Researcher</p>
2009-2012	<p>Georgian National Science Foundation, #GNSF/ST08/2-375, „Changes in energy metabolism under the stressful conditions, induced by circadian rhythm disorders and long-term social isolation and possibilities for their prevention”, Researcher</p>

/K. Menabde/