



**Curriculum Vitae
CV**

Name, Surname: Nino Sharikadze
Date of Birth: 20 September, 1989
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Education

2013 – 2018 – Doctor of philosophy in life sciences, Molecular Biotechnology and Biochemistry program, Faculty of Natural Sciences and Engineering, Ilia State university.

PhD thesis - "Flavonoid Nobiletin's Action on Mitochondrial Bioenergetics" which was focused on brain Mitochondrial bioenergetics and Mitochondrial dysfunctions, effects of Flavonoids on Mitochondrial Bioenergetics.

2015 – 2016 – University of Bordeaux, Cell energy Metabolism Laboratory, Erasmus Mundus Exchange Programme, Bordeaux, France.

Research Thesis: Yeast Mitochondrial energetic metabolism, Citrus flavonoids' effects on yeast mitochondrial bioenergetics.

2011 – 2013 - Master degree in Biopharmacy, Faculty of Art and Sciences, Ilia State University.

Master thesis: "The action of plant-derived activators of sirtuins on some aspects of mitochondrial bioenergetics".

2006 - 2010 – Bachelor Degree in Biology, Faculty of Exact and Natural Sciences, Ivane Javakhishvili Tbilisi State University.

Bachelor thesis: "Peroxidase processes in brain mitochondria during the hypothyroidism".

1995 - 2006 - Tbilisi #24 Secondary School.

Working Experience

2013 – Present – Researcher, Institute of Chemical Biology, Ilia State University, Kakutsa Cholokashvili ave 3/5, 0162 Tbilisi, Georgia www.iliauni.edu.ge

2018-2019 – Invited Lecturer, Faculty of Medicine (English Programme) of European University. Teaching the Courses – General Biochemistry, Private Biochemistry, Basics of Research.

2017-2018 – Horizon 2020 project – NUCLEUS / RRI (Responsible Research and Innovation), project coordinator at Ilia State University.

2016-2017 – Administrative Assistant in Technology Commercialization office, Ilia State University.

2016-2017– Ltd. Bio-Medi, Bio-Rad's Official representative in Georgia (Bio-Rad Georgia), Life Science Product Manager.

2013-2018 – Teaching experience with Bachelor and Master Students, in Molecular endocrinology and Molecular basis for adaptation, Food chemistry, Life molecules and molecules of life at Ilia State University.

2011 - Ltd. "Turmanidze ointment" – **Medical representative**.

2010-2013 - Cryptogamic plants and fungi section - **Junior laboratory assistant**, Tbilisi Botanical Institute.

Grants and Stipends

2018 – 2020 – Winner of Young Scientists Grant (Post-Doctoral fellowship grant) of Shota Rustaveli Georgian National Science Foundation.

Project: "Flavonoid nobiletin's significance in development of ischemic pre-conditions phenomenon".

2013- 2014 - Received a one year grant for doctoral education programme from Shota Rustaveli Georgian National Science Foundation;

Project: "The action of polyphenol compounds on the brain mitochondrial bioenergetics"

2012 - Neuroscience School of Advanced Studies – participant and grant aided Student (NSAS) – Siena, Italy;

2010 – 2011 - World Federation of Scientist's one year stipend (Geneva, Switzerland).

Project: "The effect of citrus flavonoid Nobiletin on the mitochondrial oxidative processes"

2010 – Master Programme fully granted by the State.

Conferences

2018 - Embedded Nucleus annual conference related to RRI, Public Engagement and Open Science, presenter, Malta.

2018 – The 43rd FEBS (Federation of European Biochemical Society) Congress, Poster presenter, Prague, Czech Republic.

2018 - Embedded NUCLEI working meeting, Horizon 2020 project, 'RRI- from Plans to Practice' 22nd & 23rd February Technical University, Delft, Netherlands.

2017 – FENS Featured Regional Meeting – poster presenter and travel grant aided Student; Pecs, Hungary;

2017 – Seasonal school “ Secretion in health and disease: Neurological disorders and diabetes”, participant, 1-9 May, Ilia State University, Tbilisi, Georgia.

2016 - 10th FENS Forum of Neuroscience, Federation of European Neuroscience Societys; Poster Presenter and travel grant aided Student; Copenhagen, Denmark.

2014 – FEBS-EMBO Conference Participant and Young Scientist's Forum Stipend winner (Federation of European Biochemical Society); Paris, France.

2014 - 9th FENS Forum of Neuroscience, Federation of European Neuroscience Societys; Poster Presenter; Milan, Italy.

2014 – Neuroplasticity, Nervous Substrate for Health and Disease – Poster presenter; Tbilisi, Georgia.

2014 – Georgian Biochemist's association meeting – Oral presenter, Tbilisi, Georgia.

2014 – Neuroplasticity, Nervous Substrate for Health and Disease – Poster presenter; Tbilisi, Georgia.

2014 - 1st International Scientific Conference of Young scientists and specialists, the role of multidisciplinary approach in solution of actual problems of fundamental and applied sciences (earth, technical and chemical), poster presenter, 15-16 October 2014, Baku, Azerbaijan.

2013 – FENS Featured Regional Meeting – poster presenter and travel grant aided Student; Prague, Czech Republic;

2013 – FEBS (Federation of European Biochemical Society) workshop on Molecular Life Science Education; Tbilisi, Georgia.

2013 – Tbilisi 1st International Conference – “Merging neuroscience and medicine: implications for brain disorders”, Poster Presenter; Tbilisi, Georgia.

2012 - “Hospital Management” organized by the Tbilisi State Medical University’s Student self-Government, the Medical Research Society and the Youth Health Development Organization.

2011 - “Preventing Disease Spread in Georgia” organized by the Tbilisi State Medical University’s Student self-Government, the Medical Research Society and the Youth Health Development Organization.

2009 - III Scientific Student Symposium Dedicated to the Actual Questions of Biology and Medicine – “Nanotechnology in Biology and Medicine”, Conference Executive Committee Member and III Part Head.

2008 - II Scientific Student Symposium Dedicated to the Actual Questions of Biology and Medicine – “Steam sells and the problems of transplantation”, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia.

2008 - I scientific conference of students, graduate students and young scientists dedicated to the memory of Academician Peter Kometiani, presenter of the theme “Extraction of an proteins with lectins activity from kalanchoe pinnatum”, Ivane Javakhishvili Tbilisi State University, Tbilisi, Georgia.

Trainings, Workshops

2019 – FEBS Workshop on Molecular life sciences education, Tbilisi, Georgia, 8-9 April.

2018 - Embedded NUCLEI working meeting, Horizon 2020 project, ‘RRI- from Plans to Practice’ 22nd & 23rd February Technical University, Delft, Netherlands.

2014 – Project Actors Capacity Training in Caucasus (PACT), Project development tools and Grant writing training. After finishing the training project, trainer in the same project for students at Ilia State University.

2013 – International English Language Certificate - **IELTS** – Score 6.5

2012 – 2016 – Federation of European Biochemical Society’s Member (FEBS).

2009 – 2010 - British Centre English Certificate – Callan Method – which is the Level of the Cambridge’s First Certificate.

Publications

1. Nobiletin restores impaired hippocampal mitochondrial bioenergetics in hypothyroidism through activation of matrix substrate-level phosphorylation.

Jojua N., Sharikadze N., Zhuravliova E., Zaalishvili E., Mikeladze D.G

Nutritional Neuroscience 2015 Jul;18(5):225-31. doi: 10.1179/1476830514Y.00000000120. Epub 2014 Mar 17. (PMID: 24627959)

2. Mitochondrial target of nobiletin's action.

Sharikadze N., Jojua N., Sepashvili M., Zhuravliova E., Mikeladze D.G

Natural Product Communications Vol. 11 (12) 2016; 1835

Language skills

Languages - Georgian (native), English (excellent C1), Russian (good B2); French (good B1).

Computer skills

Windows XP, Internet Explorer, E-mail.

Microsoft Office: Word, Excel, Outlook, Power Point. **Adobe:** Reader, Photoshop, Acrobat.