



Giorgi Tchitashvili.

Date of birth: 01/10/1994.

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Nationality: Georgian.

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#### EDUCATION:

2018.09- 2020.07      MSc in Molecular Biology (Specialization: Immunology, Cell and Microbiology).  
University Medical School of Debrecen, Hungary. GPA=4.5 / 5.0

Thesis topic: Assessing impact of phytocannabinoids on human monocyte-derived dendritic cells.

2012.09 - 2016.08      BSc in Biology.  
Ivane Javakhishvili Tbilisi State University, Georgia. GPA= 3.8 /4.0

Thesis topic: CYP2C9 and VKORC1 gene polymorphism in Georgian population.

#### WORK EXPERIENCE

2017.05 - 2018.08      High Education Institutions (HEI) Accreditation expert for Medical & Health Science programs at National Center for Educational Quality Enhancement.

2014.02-2017.10      Founder and Vice-President at “Georgian Young Biologist Association”/ Project coordinator of “Biomedicine School”.

2017.09- 2018.03      Biology teacher at American High School-College International - “Progress” -Tbilisi

2016.11-2017.11      Intern researcher at Institute of Medical Scientific Research (Ilia state University)

2015.10-2018.07      High-School Physics teacher at Private Educational Centre  
“MAGISTRA

## PERSONAL SKILLS

Mother tongue(s): Georgian

Other language(s): English: B2, Russian: A2

Professional Skills: Conventional/ RTqPCR, Blotting techniques, ELISA, flow cytometry, Cloning.  
Dry Lab: gene expression analysis GALAXY : EdgeR & Deseq2

Publications: Association of genes polymorphisms with warfarin dose requirement in georgian population.  
August 2018, Atherosclerosis 275 .DOI: 10.1016/j.atherosclerosis.2018.06.432

## Research Activities:

- 2019/02-2020/04. Evaluation effect of Phytocannabinoids on differentiation of Human Monocyte-derived Dendritic Cells and their Capacity for T cell Activation  
Department of Immunology, University Medical School of Debrecen, Hungary. **MSc Thesis.**
- 2017/02-2018/06 Genome-wide Mutational signature of the Mitomycin and effects of peptide BioRegulators to repair chromosomal damage.  
Department of Genetics, Tbilisi State University, Georgia, **Support Personnel**
- 2016-2017. DI -2016-39; Glutathione S-transferase M1 and T1 genes polymorphism associated with antituberculosis drug induced hepatotoxicity in Georgian population.  
Shota Rustaveli National Science Foundation, Tbilisi, Georgia. **Support personnel.**
- 2015-2016 Genetic Determinants (CYP2C9, VKORC1) Polymorphism of Response to Warfarin during Initial Anticoagulation in Georgian Population.  
Department of Genetics, Tbilisi State University, Georgia, **Bachelor Thesis.**
- 2014-2017 FR/337/7-140/13; Applications of bio regulators and heavy metals to hinder the Progress of ductal Breast Cancer;  
Shota Rustaveli National Science Foundation, Tbilisi, Georgia, **Support Personnel**

**Conferences:**

1. EAS-European Atherosclerosis Association- 86th EAS Congress, 2018, Lisbon, Portugal.  
Associations of Genes polymorphism with Warfarin dose requirement in Georgian Population.
2. WIMC- Warsaw 13<sup>th</sup> International Medical Congress, 2017, Warsaw, Poland : Frequency and role of CYP2C9 and VKORC1 gene Polymorphism
3. The Coins- International conference of life sciences, 2017, Vilnius, Lithuania , CYP2C9 and VKORC1 gene polymorphism in Georgian population
4. 4<sup>TH</sup> annual Geneticist student's conference: Genetics of lung pathology, 2016, Tbilisi, Georgia, HDAC-histone deacetylase inhibitor potential prospects in the treatment of non-small cell lung adenocarcinoma, Case study.
5. Petre Kometiani VI annual international scientific conference in biology, 2015, Tbilisi, Georgia.  
Genome instability in breast cancer and its possible correction by peptide bio-regulators

**HONORS & AWARDS**

- 2012-2016 Full Scholarship for undergraduate (BSc) studies.  
Funded by: Ministry of Education, Science and Culture of Georgia.
- 2018-2020. Stipendium Hungaricum Scholarship Programme- Full Scholarship for MSc studies.  
Funded by: TEMPUS PUBLIC FOUNDATION, Hungary.

**Memberships:**

Membership at Georgian Allergy and Clinical Immunology Association

**Research interest:**

Immunomodulation and Tissue Microenvironment. Cell to cell interactions in normal and pathological conditions. Cancer Immunology and Inflammation. Cancer vaccines. Immunotherapies.