

Davit Khijakadze

15581 91 Avenue, Surrey, BC

Mobile: (604) 3627152 / E-mail: datokhijakadze@gmail.com

SUMMARY OF QUALIFICATIONS

- Proficient in managing high-stress situations with responsibility and efficiency.
 - Fluent in English, Russian, and Georgian.
 - Quick learner with the ability to acquire new skills rapidly.
 - Capable of working effectively both independently and within a team setting.
 - Friendly, adaptable, and outgoing personality.
 - Highly motivated and eager to excel in a professional environment.
-

PROFESSIONAL EXPERIENCE

Research Student

Terry Fox Laboratory, BC Cancer Research Center – Vancouver, Canada

June 2021 – Present

- Designed and performed experiments on cell lines, different tissues, and mouse models.
- Adhered to biosafety and animal care protocols.
- Analyzed and presented data to the direct supervisor.
- Prepared posters and presentations for diverse audiences.

Generalist/Emergency Care Worker

The Canadian Red Cross – Surrey, Canada

January 2021 – July 2021

- Assisted with COVID-19 testing at the US/Canada border.
- Provided detailed explanations and helped individuals perform nasal swab tests.
- Followed all COVID-19 safety protocols.

Junior Doctor/Physician Assistant

LTD Clinic "Rustavi" – Rustavi, Georgia

October 2016 – February 2018

- Examined patients and documented their medical history.
- Ordered laboratory tests, X-rays, and other diagnostic procedures.
- Consulted with other medical practitioners to evaluate patients' health.
- Provided emergency and acute care management and Prescribed and administered medications and treatments.

- **Research Assistant**

*Institute for Personalized Medicine – Tbilisi, Georgia
2015 – 2017*

- Collected and analyzed clinical trial data.
 - Obtained medical records from various institutions and hospitals.
 - Reviewed laboratory results and ensured proper specimen distribution.
 - Communicated with subjects for appointment reminders.
 - Observed physical examinations and participated in patient history discussions.
-

PRACTICUM/VOLUNTEERING

Mentor – UBC Research Experience Program (REX)

*Vancouver, Canada
September 2023 – March 2024*

- Mentored three undergraduate students in formulating research questions, performing literature reviews, designing experiments, and presenting research posters.

Clinical Clerkship – Department of Internal Medicine

*MEDINOS Clinic Sonneberg – Sonneberg, Germany
June 2017 – July 2017*

- Participated in medical history taking and observed physical examinations.
- Discussed patient case histories and clinical findings with staff.

Clinical Clerkship – Department of Internal Medicine

*Ubbo-Emmius Clinic – Norden, Germany
August 2016 – October 2016*

- Duties similar to those at MEDINOS Clinic Sonneberg.
-

EDUCATION

Master of Science in Interdisciplinary Oncology

*University of British Columbia
2021 – Present*

Clinical Research Course

*University of Cape Town (online)
2020*

Faculty of Medicine

Tbilisi State Medical University, Georgia

2011 – 2017

PUBLICATIONS

- **Flow cytometric analysis of innate lymphoid cells: challenges and solutions**
Mona Sadeghalvad, Davit Khijakadze, Mona Orangi, Fumio Takei; *Frontiers in Immunology*, 2023
-

SKILLS

- Proficient in experimental design and data analysis.
- Strong knowledge of biosafety and animal care protocols.
- Excellent presentation and communication skills.
- Multilingual with fluency in English, German, Russian, and Georgian.
- Capable of working under pressure and managing multiple tasks effectively.

CHRONIC ALLERGIC LUNG INFLAMMATION INDUCES HYPORESPONSIVENESS IN GROUP 2 INNATE LYMPHOID CELLS, EXPANSION OF GROUP 3 INNATE LYMPHOID CELLS AND THE DEVELOPMENT OF EMPHYSEMA

Group 2 innate lymphoid cells (ILC2s) are tissue-resident cells found in mucosal and non-mucosal tissues and are activated by epithelium-derived cytokines IL-33, IL-25 and thymic stromal lymphopoietin (TSLP). Upon activation, ILC2s proliferate and produce T helper 2-type (type 2) cytokines IL-5 and IL-13, which induce eosinophilia and mucus hyperproduction, respectively, leading to allergic inflammation.^{1,2} Chronic allergic inflammation continuously stimulates ILC2s in peripheral tissues as well; however, little is known about the functional state of ILC2s in chronic inflammation.³ We established a mouse model of chronic allergic lung inflammation by repeated intranasal injections of fungal (*Alternaria Alternata*) and protease (Papain) allergens and investigated the effects on lung ILC2s. In the first 3 weeks of treatments the number of ILC2s significantly increased, and they produced type 2 cytokines inducing high numbers of eosinophils in the lung (unpublished). However, after 5 weeks of the chronic allergen treatment, ILC2s became much less responsive to allergen challenge, proliferated less, and produced less cytokines than those after 3 weeks of treatment. Unexpectedly, group 3 innate lymphoid cells (ILC3s) producing IL-17A also expanded. Moreover, a small population of ILCs producing both IL-5 and IL-17 was found, suggesting a trans-differentiation of ILC2s to ILC3s. Additionally, histological examination showed peribronchial inflammation and emphysema development, which is a main type of Chronic Obstructive Pulmonary Disease (COPD) (Unpublished). Noteworthy, COPD is one of the independent factors for lung carcinoma.⁴ We hypothesize that chronic allergic stimulation causes ILC2 to ILC3 transdifferentiation, resulting in IL-17A production, which drives the development of emphysema and COPD.

The goal of my project is to analyze and characterize ILC2s and ILC3s in the lung after chronic allergic stimulation and elucidate their role in the development of Emphysema and COPD.

Specific aims are:

- 1) Treat mice with allergen and compare ILC2 phenotype and function in different time points
- 2) Determine the ILC2-ILC3 transdifferentiation and IL-17A role in COPD development using different mouse models, such as Il17rb-reporter, Rorc^{-/-} and RIL7R-cKO mice.
- 3) Perform single-cell RNA sequencing analysis, analyze the data and validate results using qPCR and/or flow cytometry, if possible.

References:

1. Halim TY, Steer CA, Mathä L, Gold MJ, Martinez-Gonzalez I, McNagny KM, McKenzie AN, Takei F. Group 2 innate lymphoid cells are critical for the initiation of adaptive T helper 2 cell-mediated allergic lung inflammation. *Immunity*. 2014 Mar 20;40(3):425-35. doi: 10.1016/j.immuni.2014.01.011. Epub 2014 Mar 6. PMID: 24613091; PMCID: PMC4210641.
2. Starkey MR, McKenzie AN, Belz GT, Hansbro PM. Pulmonary group 2 innate lymphoid cells: surprises and challenges. *Mucosal Immunol*. 2019 Mar;12(2):299-311. doi: 10.1038/s41385-018-0130-4. Epub 2019 Jan 21. PMID: 30664706; PMCID: PMC6436699.
3. Matsuyama T, Machida K, Mizuno K, Matsuyama H, Dotake Y, Shinmura M, Takagi K, Inoue H. The Functional Role of Group 2 Innate Lymphoid Cells in Asthma. *Biomolecules*. 2023 May 26;13(6):893. doi: 10.3390/biom13060893. PMID: 37371472; PMCID: PMC10296683.
4. Durham AL, Adcock IM. The relationship between COPD and lung cancer. *Lung Cancer*. 2015 Nov;90(2):121-7. doi: 10.1016/j.lungcan.2015.08.017. Epub 2015 Aug 29. PMID: 26363803; PMCID: PMC4718929.

Surname:
Khijakadze

Given Names:
Davit

Student Number:
84345677

Date:
June 10, 2024

UBC Credentials										
None to date										
Transfer Credits										
None to date										
Winter Session 2021 - 2022										
Master of Science (UBC Vancouver) - In Interdisciplinary Oncology										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1	ONCO 502	(3.0)	Concepts in Oncology	84	A-	3.0				27 90
1-2	MEDG 548E	(6.0)	Directed Studies	90	A+	6.0				13 91
1-2	ONCO 510	(3.0)	Seminars in Oncology				T			
1-2	ONCO 549	(12.0)	Master of Science Thesis				T			
2	MEDG 521	(3.0)	Molecular and Cell Biology of Cancer	89	A	3.0				22 91
2	MICB 502	(3.0)	Advanced Immunogenetics	88	A	3.0				12 92
Sessional Average for MSC: 88.2%										
Credits Attempted = Passed Failed Withdrawn Audited Incomplete										
30.0 = 15.0 0.0 0.0 0.0 15.0										
UBC Academic Awards										
Faculty of Medicine Graduate Award										
Summer Session 2022										
Master of Science (UBC Vancouver) - In Interdisciplinary Oncology										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1-2	ONCO 549	(12.0)	Master of Science Thesis				T			
Sessional Average for MSC:										
Credits Attempted = Passed Failed Withdrawn Audited Incomplete										
12.0 = 0.0 0.0 0.0 0.0 12.0										
Winter Session 2022 - 2023										
Master of Science (UBC Vancouver) - In Interdisciplinary Oncology										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1-2	ONCO 510	(3.0)	Seminars in Oncology				T			
1-2	ONCO 549	(12.0)	Master of Science Thesis				T			
Sessional Average for MSC:										
Credits Attempted = Passed Failed Withdrawn Audited Incomplete										
15.0 = 0.0 0.0 0.0 0.0 15.0										
Summer Session 2023										
Master of Science (UBC Vancouver) - In Interdisciplinary Oncology										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1-2	ONCO 549	(12.0)	Master of Science Thesis				T			
Sessional Average for MSC:										
Credits Attempted = Passed Failed Withdrawn Audited Incomplete										
12.0 = 0.0 0.0 0.0 0.0 12.0										
Winter Session 2023 - 2024										
Master of Science (UBC Vancouver) - In Interdisciplinary Oncology										
Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1-2	ONCO 510	(3.0)	Seminars in Oncology				T			

Surname:
Khijakadze

Given Names:
Davit

Student Number:
84345677

Date:
June 10, 2024

Winter Session 2023 - 2024 continued...

Term	Course	Credit Value	Course Title				% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1-2	ONCO 549	(12.0)	Master of Science Thesis							T			
Sessional Average for MSC:													
Credits Attempted		=	Passed	Failed	Withdrawn	Audited	Incomplete						
15.0		=	0.0	0.0	0.0	0.0	15.0						
UBC Academic Awards													
Faculty of Medicine Graduate Award													

Summer Session 2024

Master of Science (UBC Vancouver) - In Interdisciplinary Oncology

Term	Course	Credit Value	Course Title	% Grade	Letter Grade	Credit Rec'd	Stdg	Withdraw Date	Complete Date	Class Size Avg
1-2	ONCO 549	(12.0)	Master of Science Thesis			0.0	CIP			
Sessional Average for MSC:										
Credits Attempted		=	Passed	Failed	Withdrawn	Audited	Incomplete			
12.0		=	0.0	0.0	0.0	0.0	12.0			

***** End of Record *****



TBILISI STATE MEDICAL UNIVERSITY

TSMU No 00/481 DIPLOMA SUPPLEMENT

This Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international "transparency" and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgments, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1. Family Name(s):

Khijakadze

1.2. Given Name(s):

Davit

1.3. Date of birth (day/month/year):

28.05.1993

1.4. Student identification number or code (if available):

35001124619

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1 Name of qualification and (if applicable) title conferred (in original language):

Medical Doctor (Diplomirebuli Medicosi)

2.2 Main field(s) of study for the qualification:

Medicine

2.3 Name and status of awarding institution (in original language):

Legal Entity Of Public Law Tbilisi State Medical University authorized by Educational Institutions Authorization Board in 04.08.2011 / Sajaro Samartlis iuriduli piri "Tbilis saxelmcofo samedicino universiteti", avtorizebuli saganmanatleblo dacesebulebebis avtorizaciis sabchos mier 04.08.2011ts.

2.4 Name and status of the institution (if different from 2.3) administering studies (in original language):

Not Applicable (Informacia Ar Arsebobs)

2.5 Language(s) of instruction/examination:

Georgian

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1 Level of qualification:

One-Cycle Higher Education System

3.2 Official length of programme:

6years- 360 ECTS credits. One semester=30 ECTS credits; One academic year=60 ECTS credits; One ECTS credit=30 hours

3.3 Access requirement(s):

General Education Certificate

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1 Mode of study:

Full time

4.2 Programme requirements:

See page 9

4.3 Programme details:

See page 10

4.4 Grading scheme and, if available, grade distribution guidance:

The achievement of learning outcomes is needed for gaining the credit. 100 points are maximal rank.

(A) Excellent - more than 90% of maximal rank;

(B) Very Good - 81%-90% of maximal rank;

(C) Good - 71%-80% of maximal rank;

(D) Satisfactory - 61%-70% of maximal rank;

(E) Sufficient - 51%-60% of maximal rank.

4.5 Overall classification of the qualification (in original language):

Standard Diploma/Standartuli Diplomi

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to further study:

Doctorate, Postgraduate Professional Training (Residency)

5.2 Professional status (if applicable):

Doctor

6. ADDITIONAL INFORMATION

6.1 Additional information:

GPA : 98.2

6.2 Further information sources:

www.tsmu.edu

Khijakadze Davit

4.2 Programme Requirements

Aim of the Programme

The aim of the programme is to train qualified, competitive and capable medical doctors ready for postgraduate education and special training.

Learning Outcomes

Field-Specific Competencies:

- Knowledge of basic natural sciences;
- Patient consultation, give advice and explanations; take patient's history, perform physical examination
- Assessment of a clinical case, ordering further examinations, conducting differential diagnosis, discussion of the treatment plan
- Recognition and assessment of the emergency situation, provision of the first aid assistance in case of emergency (first aid and resuscitation) in accordance with the guidelines
- Prescription of medicines, link relevant medicines and other treatment with the clinical context, consider the medicines inter-relationship upon the prescription
- Practical procedures
- Efficient communication in medical practice, (efficient communication with any person irrespective with social, cultural, religious and ethnic belonging
- Use of ethical and legal principles in medical practice
- Assessment of the psychological and social aspects related to a patient's disease
- Using of evidence-based medicine principles, skills and knowledge
- Efficient use of information and information technologies in medical context
- Use of bio-medicine scientific principles, methods and knowledge in medical research and practice
- Implementation of health promoting events, engage with public healthcare issues, efficient performance within the healthcare system

General Competencies:

- Ability of critical analysis and synthesis
- Information management
- Medical record documentation skills
- Performance adequate skills under critical situations
- Management and leadership skills
- Team-working skills
- Decision making skills
- Ability to communicate verbally, amongst them in foreign languages
- Self-education skills and continuous medical education
- Ability to work independently
- Adaptation with the new environment

4.3 Program details and the individual grades/marks/credits obtained:

N	Discipline	Semester	Credits	Marks
1	Human Anatomy I	1	6	A
2	Basis of Academic Writing	1	2	A
3	History of Medicine	1	2	A
4	Latin Language	1	4	A
5	Medical Biology I	1	4	A
6	Medical Biophysics	1	5	A
7	Medical Chemistry I	1	2	A
8	Foreign Language(German)I	1	5	A
9	Foreign Language I	2	6	A
10	Human Normal Anatomy II	2	2	A
11	Communicational Skills I	2	4	A
12	Medical Biology II Parazitology	2	4	A
13	Medical Physics	2	4	A
14	Medical Chemistry II	2	2	A
15	Foreign Lanuage (German) II	2	4	A
16	Foreign Language II	2	6	A
17	Cytology, Histology and Embryology	3	6	A
18	Human Anatomy III	3	5	A
19	Human Physiology I	3	2	A
20	Bioethics	3	6	A
21	Histology, Cytology, Embryology	3	3	A
22	Molecular and Medical Genetics I	3	6	A
23	Medical Biochemistry I	3	2	A
24	English Language III	4	6	A
25	Human Physiology II	4	1	A
26	Communicational Skills I	4	1	A
27	Communicational Skills II	4	4	A
28	Microbiology I (Bacteriology)	4	4	A
29	Molecular and Medical Genetics II	4	4	A
30	Medical Biochemistry II	4	5	A
31	Topographical Anatomy and Operative Surgery I	4	3	A
32	English Language IV	4	2	A
33	Essentials Psychology	5	4	A
34	General Pathological Anatomy	5	4	A
35	General Pathological Physiology	5	4	A
36	General Pharmacology	5	3	A
37	General Surgery I	5	4	A
38	Immunology	5	3	A
39	Microbiology II (Wirusology, Micology, Parazitology)			

Khijakadze Davit

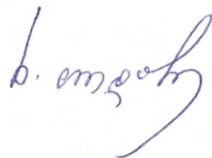
N	Discipline	Semester	Credits	Marks
40	Topographical Anatomy and Operative Surgery II	5	4	A
41	Propedeutics of Internal Medicine I	5	4	A
42	General Surgery II	6	3	A
43	Pathological Anatomy	6	5	A
44	Pathological Physiology	6	4	A
45	Pharmacology	6	5	A
46	Clinical Skills	6	1	A
47	Radiology	6	3	A
48	Propedeutics of Internal Medicine II(Case-based clinical reasoning)	6	5	A
49	Hygiene and Medical Ecology	6	4	A
50	Dermatovenerology	7	5	A
51	Clinical Skills III	7	2	A
52	Obstetrics, Gynecology I	7	6	A
53	Nervous Diseases	7	8	A
54	Preventive Medicine	7	2	A
55	Surgery I(a. Surgery – 5 credits; b.Urology - 3 credits)	7	7	A
56	Epidemiology with Biostatistics	8	4	A
57	Clinical Psychology	8	2	A
58	Pediatrics	8	9	A
59	Oto-Rhyno-laryngology	8	4	A
60	Internal Medicine 1 (a.Cardiology, Pulmonology - 8 credits; b.Endocrinology - 4 credits)	8	11	A
61	Reproductive health (Elective)	9	2	A
62	Surgery 2 (a.Emergency Surgery - 6 credits; b.Traumatology & Orthopedics - 2 credits; c.Pediatric Surgery - 2 credits; d.Oncology - 2 credits; e.Neurosurgery -2 credits)	9	14	A
63	Internal Medicine 2 (a.Gastroenterology & Nephrology, Rheumatology – 7 credits; b.Allergology & Clinical Immunology - 2 credits; c.Occupational Pathology - 2 credits; d.Hematology - 2 credits)	9	13	A
64	Anesthesiology, Resuscitation	10	2	A
65	Eye Diseases	10	3	A
66	Infectious Diseases	10	6	A
67	Clinical Toxicology	10	2	A
68	Forensic Medicine and Medical law	10	5	A
69	Psychiatry	10	6	A
70	Phthisiatry, Pulmonology	10	2	A
71	Health Management and Administration (a.Health Management and Administration - 3 credits; b.Evidence based Medicine - 2 credits)	10	5	A
72	Clinical Radiology	11	3	A
73	Clinical Skills IV	11	3	A
74	Resort Therapy and Physiotherapy with Medical Tourism	11	2	A
75	Revmatology (Elective)	11	2	A
76	Medical Rehabilitation and Sport Medicine	11	3	A
77	Narcology	12	2	A
78	Scientific Research	12	3	A
79	Internal Medicine, Surgery, Obstetrics & Gynecology, Pediatrics, Family Medicine (Syndromic Diagnostics, Geriatri-15credits; Surgery-7credits; Obstetrics-GynecologyII-6credits; Child & Adolescence Medicine-7credits; Pediatric Infectious Diseases-2credits; Pediatric Neurology-2credits; Family Medicine-3credits)	12	42	A

7. CERTIFICATION OF THE
SUPPLEMENT

7.1 Date:

15.02.2018

7.2 Signature:



Khatuna Todadze

7.3 Capacity:

Vice-Rector

7.4 Official stamp or seal:



8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

8.1. Access and admission to a higher education institution:

Georgia has the three-cycle higher education system.

- The right to be admitted to the first cycle of higher education (Bachelor's degree programmes) at a higher education institution can be enjoyed only by a holder of general education state certificate (starting from 2008-2009 academic year the study period is 12 years) or a person equalised thereto. The precondition for the admission to a Bachelor programme is successful taking of the unified national examinations (starting from 2005).

- The right to be admitted to the second cycle of higher education (Master's degree programme) at a higher education institution can be enjoyed by a person having, at least, Bachelor's or equalised thereto academic degree. The admission precondition is successful taking of Master's examination.

- The right to be admitted to the third cycle of higher education (Doctorate) at a higher education institution can be enjoyed by a person having, at least, Master's or equalised thereto the academic degree. The admission preconditions are generally set by the higher institution.

8.2. Higher Education institutions

Since 2009 there are the following types of higher education institutions in Georgia:

College – Higher education institution that offers only the first cycle – Bachelor's degree programmes.

Teaching University – Higher Education institution that offers higher education programme/programmes (except for doctorate). A teaching university is obliged to provide the second cycle – Master's degree programme/programmes.

University – Higher Education institution that offers the higher education programmes of all three cycles and carries out research activities.

A higher education can be a legal entity of both public and private law.

8.3. Qualifications

In 2005 the three-cycle academic higher education system was introduced in Georgia. Since 2007-2008 academic year all the higher education institutions of Georgia are committed to this system. It is necessary to accumulate the respective amount of credits for the accomplishment of each cycle of higher education.

The first cycle – Bachelor's degree programme – at least 240 ECTS credits

From 2007 until 2010 there was a certified specialist's educational programme (vocational higher education) within the framework of higher education, which covered 120-180 ECTS credits. The students were admitted to these programmes commensurate with the procedure, envisaged by Georgian law, against a general education certificate. In the case of enrolment of a certified specialist for a Bachelor, Medical Doctor's/ Doctor in Dentistry educational programmes the higher education institution is entitled to recognise the ECTS credits, accumulated by the certified specialist concerned, for the purposes of acquisition of the Bachelor's, Medical Doctor's/ Doctor in Dentistry Degrees.

A higher education institution is entitled to award an interim qualification to a student in the case of taking only a part of the educational programme (in the case of accumulation of ECTS credits envisaged for the short cycle within the first cycle educational programme). An interim qualification can be awarded after the attainment of the learning outcomes envisaged for a part of the respective educational programme, which cannot be less than the half of the net amount of ECTS credits envisaged for the educational programme concerned (from 1 September 2010).

The second cycle: Master's degree Programme – at least, 120 ECTS credits

The third cycle: Doctorate – at least, 180 ECTS credits

Medical/Dental education programme is a one-cycle higher education programme. A successful graduate of the programme is awarded the Medical Doctor's/ Doctor in Dentistry academic degree. The academic degree awarded after the accomplishment of 360-credit Medical Doctor's or 300-credit Doctor in Dentistry educational programme is equalised to Master's degree.

The higher education institutions admitted students to Veterinary Education Programme inclusive 2011-2012 academic year. This is a one-cycle educational programme covering 300 ECTS credits and leading to awarding the Doctor in Veterinary academic degree. The Doctor in Veterinary academic degree is equalised to Master's degree.

8.4. Grading System

Starting from 2007 all the higher education institutions of Georgia use the European Credit Transfer and Accumulation System (ECTS). The attainment of the learning outcomes by a student, envisaged by the educational programme is evaluated according to 100-point grading scale.

8.5. Quality Assurance System

Educational quality is enhanced through internal and external mechanisms. The internal mechanisms of educational quality enhancement are implemented by an educational institution in accordance with the procedure, envisaged by law. The external mechanisms of educational quality enhancement are the authorisation and accreditation – the procedures, implemented by the Legal Entity of Public Law – National Centre for Educational Quality Enhancement.

Authorisation is the procedure of acquisition of the status of an educational institution, which aims at ensuring the meeting of standards, necessary for an educational institution to carry out educational activities for the issuance of the state-recognised educational document.

Accreditation is the procedure of establishment of the compatibility of an educational programme with accreditation standards, which procedure aims at the introduction of regular self-evaluation for the improvement of educational quality and promotion of the enhancement of quality assurance mechanisms. Allocation of state funding and the implementation of regulated (law, medical, pedagogical) programmes is also related to this process.

The authorisation and accreditation is granted for a period of 5 years. After the expiry or withdrawal of authorisation the accreditation is also withdrawn.

8.6. The national source of information:

Ministry of Education and Science of Georgia

Address: 52 Uznadze street, Tbilisi, 0102

www.mes.gov.ge

E-mail: pr@mes.gov.ge

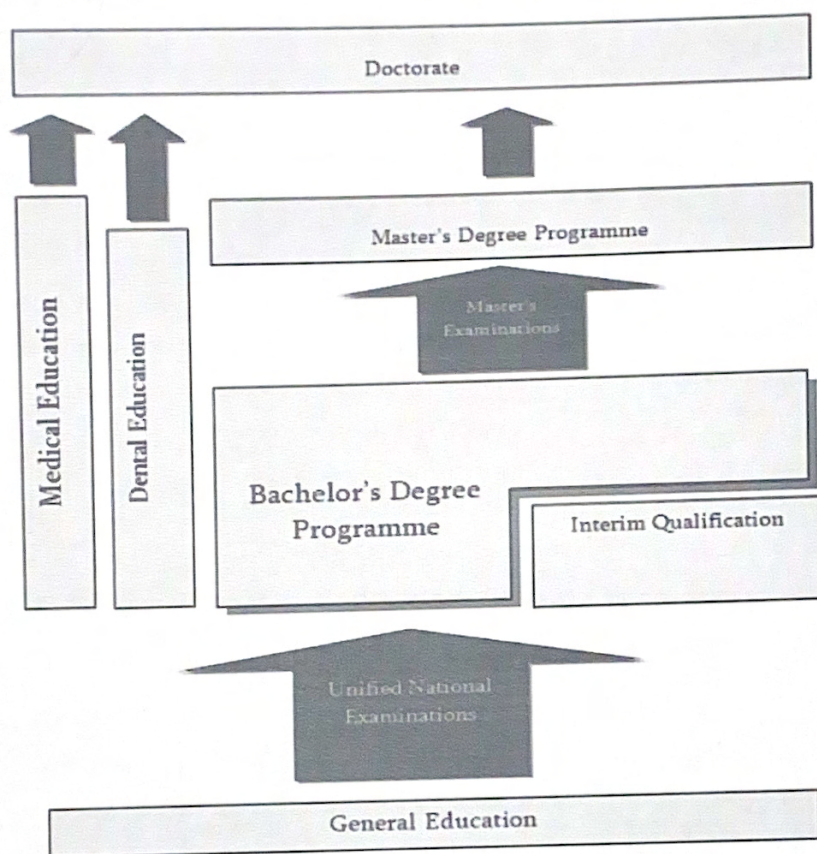
LEPL National Centre for Educational Quality Enhancement

Address: 1 Aleksidze street, Tbilisi 0193

www.eqe.ge

E-mail: info@eqe.ge

Higher Education System of Georgia





June 5, 2024

To whom it may concern,

I would like to nominate Davit Khijakadze for a four-year fellowship as he is an outstanding student. Davit received his MD in the Republic of Georgia, came to Canada as an immigrant and became a Canadian citizen. Davit started his graduate studies in the Interdisciplinary Oncology program in September 2021 as an MSc student and has been transferred to PhD program. Davit's research has focused on immunology of chronic respiratory diseases, and he has made remarkable progress in his research. He has found that chronic intranasal allergen administration initially stimulates group 2 innate lymphocytes (ILC2) and induces allergic lung inflammation, resembling asthma. Continued allergen administrations result in dysfunctional ILC2, emergence of group 3 ILC (ILC3) and lung tissue damages implicating chronic obstructive pulmonary disease (COPD)-like condition. His detailed analyses of lung lymphocytes suggest a trans-differentiation of ILC2 into ILC3, and ILC3-derived cytokines driving the lung tissue damages. These are novel and exciting findings and will become major contributions to our understanding of immuno-pathology of asthma and COPD, the most common chronic respiratory diseases. He will likely publish a high impact paper soon.

Davit's progress in his research is truly remarkable. When he started in my laboratory, he had no experience in wet bench research and had knowledge of only basic immunology. He had to learn many techniques and advanced immunology. While his background in medicine has been a big advantage, he is clearly a quick learner. He is excited with his research and highly motivated. Davit is also a very efficient worker and seldom wastes experiments. He is the best student I have had in the last 10 years. I strongly support Davit's application for a four-year fellowship.

Sincerely,

Fumio Takei

Professor, Department of Pathology and Laboratory Medicine, UBC
Distinguished Scientist, Terry Fox Laboratory, BC Cancer

June 6th, 2024

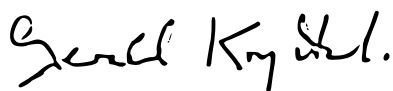
To whom it may concern,

I am writing to strongly support the nomination of Davit Khijakadze for a four-year University of British Columbia (UBC) Fellowship. As a member of Davit's Supervisory Committee for the past three years, I have had the privilege of observing his remarkable growth and achievements in his research in Dr Fumio Takei's laboratory.

Davit began his graduate studies in September 2021 as an MSc student in Interdisciplinary Oncology and, because of his exceptional progress, we recommended that he transfer to the PhD program. His research is focused on the immunology of chronic allergic inflammation, particularly asthma and chronic obstructive pulmonary disease (COPD). His work has yielded significant and novel findings, notably elucidating the effect of chronic stimulation on group 2 innate lymphoid cells (ILC2s). He showed that continued allergen exposure leads to dysfunctional ILC2s, the emergence of group 3 ILC (ILC3s), and subsequent lung tissue damage, mirroring COPD-like conditions. Davit's detailed analyses suggest a trans-differentiation of ILC2s into ILC3s, with ILC3-derived cytokines driving lung tissue damage. These processes may be responsible for COPD development among some chronic asthma patients. Davit's ability to ask good scientific questions and find ways to address these questions, and his determination and willingness to collaborate make him an outstanding candidate for this fellowship. I have no doubt that he will continue to make significant contributions within the field of immunology. Davit is a very motivated and hardworking student who stays up to date on new discoveries in the field of immunology by reading extensively and going to conferences. He actively participates in these conferences as well as in workshops, including the Day of Immunology 2023 at Science World, where he collaboratively hosted a table and explained various immunological concepts to the public through engaging activities. Recently, Davit also participated in the Canadian Society for Immunology Conference, where he presented his data and received very positive feedback. Importantly, Davit is also very kind and willing to help anyone who needs a hand.

I enthusiastically support Davit Khijakadze's application for a four-year UBC fellowship and am confident that he will exceed all expectations. Please feel free to contact me if you require any further information.

Sincerely,



Gerald Krystal, PhD
Distinguished Scientist, Terry Fox Laboratory, BCCA
Professor, Pathology and Laboratory Medicine, UBC