

CV

1. **Name** : **Mthabisi Talent George**
2. **Surname** : **Moyo**
3. **Date of Birth.** : **26 February 1996**
4. **Title** : **M.Sc**
5. **Affiliation** : **Girne American University**

Degree	Department	University	Year
Bachelor of Science	Bioengineering	Near East University	2017
Master of Science	Biomedical Engineering	Near East University	2020
Doctor of Philosophy	Biomedical Engineering	Near East University	In Progress

6. Education History & Transcripts:

6.1 Bachelor of Science

Supervisor: Prof. Dr Terin Adalı

Graduation Project Title: Biofiltration of liquids

6.2 Master of Science Thesis

Supervisor: Prof. Dr Terin Adalı

Thesis Title: Biocompatibility Studies of Layer-By-Layer Polyelectrolyte Complexes for Biomedical Applications

CGPA: 3.86/4.00

Transcript:

Biomaterials for medical diagnosis and therapy	AA
Biomedical micro and nanosystems	AA
Nanotechnology in cancer therapy	AA
Computer-aided diagnostics in medical imaging	BB
Advanced Tissue engineering	AA
Scientific research methods and ethics	AA
Advanced Artificial Organs	AA

6.3 Doctor of Philosophy

Supervisor: Prof. Dr Terin Adalı

Thesis Title: Gellan Gum for Stem Cell Culturing

CGPA: 4.00/4.00

Transcript:

Rational Phytotherapy & Clinical Trials	AA
Clinical Toxicology	AA
Clinical Microbiology	AA
Clinical laboratory technique	AA
Advanced biomechanics	AA

Cell culturing techniques	AA
Molecular pathology	AA
Thesis	Awaiting defense

7 Scientific Papers (SCIE)

- Kassahun Alula Akulo, Terin Adali, **Mthabisi Talent George Moyo**, Tulin Bodamyali (2022) “**Intravitreal Injectable Hydrogels for Sustained Drug Delivery in Glaucoma Treatment and Therapy**”. *Polymers*, 14 (12) 2359. DOI: 10.3390/polym14122359
- **M.T.G. Moyo**, T. Adalı, O.H. Edebal, E. Bayır, A. Şendemir (2023) “**Hemocompatibility Studies of Layer-by-Layer Polyelectrolyte Complexes for Bio-based Polymers.**” *Materials and Technology*, 57(5) 525. DOI: 10.17222/mit.2023.922 and *Technology*, 57(5) 525. DOI: 10.17222/mit.2023.922. 7.1.19
- **M.T.G. Moyo**, T. Adali, Pinar Tulay (2024) “**Exploring gellan gum-based hydrogels for regenerating human embryonic stem cells in age-related macular degeneration therapy: A literature review.**” *Regenerative Therapy* 26 (2024) 235 -250. DOI:10.1016/j.reth.2024.05.018.
- **Moyo MTG**, Adali T. “**Gellan gum as a promising transplantation carrier for differentiated progenitor cells in ophthalmic therapies**”. *Journal of Bioactive and Compatible Polymers*. (2024);0(0). doi:10.1177/08839115241278739

8 Papers published in SCOPUS.

- **Moyo, Mthabisi Talent George**. "Unveiling the Absence of a Local Medical Device and Biomaterials Manufacturing Industry in Zimbabwe: A Literature Review." *Health Technology Assessment in Action* 7.2 (2023). DOI: 10.18502/htaa.v7i2.13815

9 Papers published in PubMed.

- **George Moyo, Mthabisi Talent**, Fikret Dirilenoğlu, and Yazgı Köy. "Urachal mucinous cystic tumor of low malignant potential: a report of a rare case with literature review." *Surgical and Experimental Pathology* 6.1 (2023): 18.
- Dirilenoğlu, Fikret, **Mthabisi Talent George Moyo**, and Aslı Kahraman. "Primary intra-axial Ewing sarcoma of the central nervous system: report of a rare case with literature review." *Surgical and Experimental Pathology* 6.1 (2023): 12.

10 International Conferences, Congress and Symposium Presentations and publications.

- Akulo K., Fisseha R., Umar A. U., **Moyo M.T. G.**, Adali T., “**Bilayer & TriLayer Alginate and Silk Fibroin Biofilms: Synthesis, Characterization and Platelet Adhesion Studies**”, 2nd International Biomedical Engineering Congress (IBMEC-2018), North Cyprus, P. 153, 2018.
- Terin Adalı, **Mthabisi Talent George Moyo**, “ **Blood Biocompatibility of Silk Fibroin Based Polyelectrolyte Complexes.**” European Biotechnology Congress 2020.
- **Mthabisi Talent George Moyo**, Terin Adali, Oğuzhan Edebal, Aylin Şendemir (2022) **Hemocompatibility studies of Layer – by – Layer Polyelectrolyte Complexes for Biobased Polymers.** 8th ICNTC (International Conference on New Trends in Chemistry) Conference 16 – 17 May 2022.

11. Administrative Positions:

ADMINISTRATIVE POSITIONS	INSTITUTION	YEARS
Coordinator, Phase 1 Medical Students, Faculty of Medicine	Girne American University	08. 2024 - Present
Assistant Phase Coordinator/Academic Advisor, Phase 1 Medical Students, Faculty of Medicine	Girne American University	01. 2024 - 08.2024
Teaching Assistant, Faculty of Medicine	Girne American University	10. 2023- Present
Website coordinator	Girne American University	10. 2023- Present
Research Scholar, Near East University, Faculty of Engineering	Near East University	02. 2018 - Present
Medical Care Assistant ,	Kolan British Hospital	09. 2022 – 09. 2023
Medical Care Assistant ,	Ikinci Bahar Nursing Home	09. 2021 – 09. 2023

12. Courses offered in the past two years:

Academic Year	Period	Course Name	Semester Hours		Number of Students
			Theoretic	Practical	
2023 -2024	Fall	General Chemistry Lab	-	32	60
		-	-	-	-
	Spring	-	-	-	-
		-	-	-	-
			Committee Hours		
			Theoretic	Practical	
2023 - 2024	Committee 1-4	Medical Biochemistry (Phase 1 & Phase 2 Lab)	95	24	96
	Committee 5	Occupational Health & Safety	20	0	54

13. Other Courses/ Certifications

- Occupational Health & Safety | University of Cape Town | EdX | 2024
- Principles of Biochemistry | Harvard Online | EdX | 2024
- Hands-On Stem Cell Culture Workshop Embryonic Stem Cell Culture, Passaging & Formation of Embryoid Bodies | DESAM Research Institute | 2023
- EdX verified certificate for Biomaterials and Biofabrication: Design, Engineering and Innovation. | University of Bayreuth | 2022

- EdX verified certificate for Product Design, Prototyping, and Testing | University System of Maryland | 2022
- Coursera verified certificate for Design and Interpretation of Clinical Trials | Johns Hopkins University | 2022
- EdX verified certificate for Product Management Fundamentals | University System of Maryland | 2022
- International English Language Testing System (IELTS) | 2023
- Healthcare Assistant (Advanced Diploma) | Reed | Oct 2022
- Diploma in Caregiving | Alison, CPD Approved / NVQ - Level 2 | Oct 2022
- Diploma in Nursing & Patient care | Alison, CPD Approved / NVQ - Level 2 | Oct 2022
- Health and Social Care | Reed, NVQ Level 5 Diploma | Oct 2022
- Care Giving Skills - Dementia Care | Alison, CPD Approved / NVQ - Level 2 | Oct 2022
- Elderly Care & Care for the Disabled | Alison, CPD Approved / NVQ - Level 2 | Aug 2022
- Care certificate courses (Standard 1 - 15) | Florence Academy, CPD Approved / NVQ - Level 2 | Aug 2022
- Patient Safety & Quality Improvement: Developing a Systems View. | Johns Hopkins University | Coursera | Sep 2022
- Integrative Nursing | University of Minnesota | Coursera Sep 2022