

# Grace Mayuni

## Personal Data

---

Status/Function:		PhD candidate
Scientific focus:		Oncology, Antibody engineering, Targeted therapy
Phone:		+49 1525 8460945
Email:		Grace.Mayuni@med.uni-tuebingen.de

## Education and qualifications

---

Oct 2023 - present	<b>PhD Candidate</b> Werner Siemens Imaging Center University of Tübingen, Germany
Oct 2020 - Sep 2022	<b>MSc (Med) Medical Biochemistry</b> University of Cape Town, South Africa
Jan 2019 - Sep 2019	<b>BSc (Hons) Medical Biochemistry</b> University of Cape Town, South Africa
Feb 2016 - Nov 2018	<b>BSc Molecular Biology</b> University of Cape Town, South Africa

## Work Experience

---

Oct 2020 - Sep 2022	<b>Master's Thesis</b> "Generation of Glioblastoma specific SNAP based antibody fusion proteins for future radiolabeling application" (Medical Biotechnology and Immunotherapy Unit, University of Cape Town, South Africa)
Jan 2020 - August 2020	<b>Research Intern</b> Investigated the effect of Fc region engineering in full-length antibodies on Fc-receptor interaction (Weizmann Institute of Science, Israel)

## Teaching Experience

---

2018-2021	<b>Private Tutor-</b> Mathematics, Biology and Biochemistry
-----------	---

## Additional Qualifications and Skills

---

IT Skills – MS Office, GraphPad Prism, SnapGene, ImageJ

## Publications

---

Farkash, I., Feferman, T., Cohen-Saban, N., Avraham, Y., Morgenstern, D., **Mayuni, G.**, Barth, N., Lustig, Y., Miller, L., Shouval, D. S., Biber, A., Kirgner, I., Levin, Y., & Dahan, R. (2021). Anti-SARS-CoV-2 antibodies elicited by COVID-19 mRNA vaccine exhibit a unique glycosylation pattern. *Cell reports*, 37(11), 110114.

Huysamen, A. M., Fadeyi, O. E., **Mayuni, G.**, Dogbey, D. M., Mungra, N., Biteghe, F. A. N., Hardcastle, N., Ramamurthy, D., Akinrinmade, O. A., Naran, K., Cooper, S., Lang, D., Richter, W., Hunter, R., & Barth, S. (2023). Click Chemistry-Generated Auristatin F-Linker-Benzylguanine for a SNAP-Tag-Based Recombinant Antibody-Drug Conjugate Demonstrating Selective Cytotoxicity toward EGFR-Overexpressing Tumor Cells. *ACS omega*, 8(4), 4026–4037.

## Conferences and Courses attended

---

**Poster:** South Africa Immunology Society IXth Conference, Johannesburg (2022), “Generation of SNAP-based antibody fusion proteins as Glioblastoma targeting immunoconjugates”

**Poster:** HiP Research Symposium, University of Cape Town (2021), “ Generation of anti-FAP $\alpha$ (scFv)-SNAP-based antibody fusion protein for in vivo radioimaging/- immunotherapy application”

## Awards and Honours

---

2020 - 2022	National Research Foundation (NRF) Innovative Award Scholarship
2017	Golden Key International Honorary Society Merit Membership