

DOMINIQUE STRAUSS

PERSONAL INFORMATION

Address : Cape Town, South Africa.
Contact Number : +27 (0)79 188 9414
Email Address : DStraussPro@gmail.com
LinkedIn : linkedin.com/in/dominique-strauss
Github : https://github.com/DomStrauss
Gender : Female
Date of Birth : 27.08.1996
Nationality : South African
Languages : English, Afrikaans (Fluent Speak, Read and Write)
Driver's Licence : Valid Driver's License



Hello! I'm Dominique, I obtained my highest degree, **Master of Science (MSc)** in Genetics, from the University of the Free State in 2022. I am currently interested in furthering my studies in programming and data science. My work experience includes **1.5+ years as an Associate Validation Team Lead at IQVIA**. My research experience includes **4 published articles** in peer reviewed scientific journals from my master's research project, all of in which I am the leading author. I am currently furthering my programming experience in the programming languages **HTML, CSS, JavaScript, SQL, and Python**.

QUALIFICATIONS

Masters of Science (MSc) in Genetics
BSc Honours Behavioural Genetics
BSc Genetics and Biochemistry
Grade 12

University of the Free State, 2019 to 2021
University of the Free State, 2018
University of the Free State, 2015 to 2017
Pretoria Girls High, 2012 to 2014

SKILLS

Advanced skills:
Microsoft Office
Scientific Grade Research
Molecular Laboratory Skills

Basic Skills:
HTML5, CSS, JavaScript
SQL, Database Validation, Data Entry, Data analysis
Project Management

EXPERIENCE

- 1. COMPANY** : IQVIA
DATE : January 2022 to Present
TITLE : **Associate Validation Team Lead (Database analyst)**
DUTIES :
- Advanced understanding of database structures
 - Perform validation of clinical research forms prior to site go live
 - Understand all the documentation requirements with regards to validation very well and update all relevant documents in a timely manner. Monitor documentation compliance for junior team members.
 - Expected to take complete responsibility for delivery of a validation project.
 - Ensure validation processes and best practices are being followed strictly by self and team.
 - Assist with creation and review of best practices and internal team processes
 - Identify areas for process improvement continuously.
 - Conduct Quality Review on projects on an ongoing basis as applicable.
 - Serve as Subject Matter Expert (SME) where applicable.
 - Mentor new joiner colleagues when assigned.

2. INSTITUTION : University of the Free State
DATE : January 2017 to December 2022
TITLE : **Research Assistant and Demonstrator**
DUTIES :
 - Teach quality standards (i.e., Good Laboratory Practice (GLP) and Good Clinical Practice (GCP)) to students.
 - Demonstrate laboratory techniques to students (i.e., Pipetting, Gel Electrophoresis, Polymerase Chain Reaction (PCR)) to students.

3. INSTITUTION : University of the Free State
DATE : January 2019 to December 2022
TITLE : **MSc student support**
DUTIES :
 - Coordinate meetings and training activities relevant for projects and Source the relevant, accredited training providers, determine the costs and dates (Publications and Conferences).
 - Drafting of all relevant funding documentation.
 - Drafting of SOPs according to the International Conference on Harmonization (ICH), Good Clinical Practice (GCP), relevant local laws, regulations, and guidelines towards clinical trial conduct.
 - Drafting and submission of all application documentation for Ethics Committees and Departmental Boards.
 - Provide support with publication submissions, alterations and re-submissions.
 - Ensure budget spending is within the required limits.
 - Research money saving methods and alternatives
 - Monitor progress of 1st year master students.
 - Assist senior master students where applicable.
 - Coordinate initiatives to foster collaborations between peers and different university departments (Multi-Departmental Forum).

PUBLICATIONS

1. Strauss, D., Ghosh, S., Murray, Z., & Gryzenhout, M. (2023). Global species diversity and distribution of the psychedelic fungal genus *Panaeolus*. *Heliyon*. <https://doi.org/10.1016/j.heliyon.2023.e16338>
2. Strauss, D., Ghosh, S., Murray, Z., & Gryzenhout, M. (2022). Psilocybin containing mushrooms: a rapidly developing biotechnology industry in the psychiatry, biomedical and nutraceutical fields. *3 Biotech*, 12(12), 339. <https://doi.org/10.1007/s13205-022-03355-4>
3. Strauss, D., Ghosh, S., Murray, Z., & Gryzenhout, M. (2022). An overview on the taxonomy, phylogenetics and ecology of the psychedelic genera *Psilocybe*, *Panaeolus*, *Pluteus* and *Gymnopilus*. *Frontiers in Forests and Global Change*, 5, 813998. <https://doi.org/10.3389/ffgc.2022.813998>
4. Strauss, D., Ghosh, S., Murray, Z., & Gryzenhout, M. (2021). Genomic DNA extraction from minimal amount of dried mushroom samples. *Microbial Biosystems*, 6(1), 49–54. <https://doi.org/10.21608/MB.2021.91637.1036>

COURSES

1. Project Management Simplified (2021)
2. Introduction to Bioinformatics, H3ABioNet (2019)

REFERENCES

1. Ryno Esterhuizen, Line Manager at IQVIA

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· ryno.esterhuizen@iqvia.com · +27(0)83 798 8520 · linkedin.com/in/ryno-esterhuizen-430694150/ ·

2. Soumya Ghosh, Ph. D. Co-supervisor for MSc Degree.

"I unconditionally recommend Ms Strauss." – Dr Ghosh

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3. Marieka Gryzenhout, Ph. D. Main Supervisor for MSc Degree.

"I have seldom met someone such as Ms Strauss who has exhibited a high level of independence, responsibility focus, versatility and adventure." – Dr Gryzenhout

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4. Zurika Murray, M. Sc. Program Director and co-supervisor for MSc Degree.

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