



RASOANIRINA Mampionona Michela

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Experienced chemist with expertise in the study and analysis of natural products. Passionate about scientific research, I am committed to exploring new solutions and contributing to the advancement of knowledge in the field. My career path has enabled me to develop solid laboratory skills, as well as an ability to work on innovative projects.

Work experiences

Research assistant, [Bionexx], [Fianarantsoa], [Madagascar]

December [2024] - current

Chemistry teacher, [Indian Ocean Islands University], [Tananarive], [Madagascar]

January [2019] - November [2024]

Chemistry Teacher, [Institut Supérieur Polytechnique de Madagascar], [Tananarive], [Madagascar]

June [2018] - November [2024]

Research experiences

Research internship, [YaBiNaPA], [Yaounde I], [Cameroon]

June [2022] - November [2022] and August [2023] – December [2023]

Research internship, [University of « Dunarea de Jos »], [Galati], [Romania]

May [2023] – July [2023]

Research internship, [Laboratory of Natural Products and Biotechnology], [Tananarive], [Madagascar]

August [2016] - May [2022]

Diplomas

[2024] PhD in Applied chemistry on Natural Product

[2017] Master in Chemistry of Natural Substances, [University of Antananarivo], [Madagascar]

[2014] Bachelor's degree in Fundamental Chemistry, [University of Antananarivo], [Tananarive], [Madagascar]

[2021] « English first certificat » CNELA Madagascar

[2017] Bachelor's degree in Business Communication, [CNTEMAD], [Tananarive], [Madagascar]

[2013] Higher Technician Diploma in Business Communication at the CNTEMAD Antananarivo

Scholarship and Prices

[June 2022- November 2022 and August 2023 – December 2023] Research Scholarship in YaBiNaPA, Yaounde 1 [Cameroun] by the DAAD;

[May 2023 - July 2023] Research Scholarship Eugen Ionesco, [Romania] by AUF.

Communications and Publications

- Etudes approfondie sur les activités antioxydantes des extraits de la plante *Vaccinium secundiflorum* (ERICACEAE) (2023). Symposium international bien-être et santé_2^{ème} Edition: « Recherche, Innovation et Développement à haut impact sur la santé publique », Madagascar.

- Phenolics, flavonoids contents and secondary metabolites isolated from *Vaccinium secundiflorum* (ERICACEA) (**2023**). EROCLIM_ Modern approaches of the environment-climate change feedback, GALATI, ROMANIA, p32.
- First chemical and pharmacological investigations of the leaves of *Dionycha bojerii* Naudin (Melastomataceae) (**2023**). Doctoral conferences, Université de « Dunarea de Jos) _Galati, Romania.
- Etudes Chimique et activités antibactériennes de *Clematis mauritiana* (RANUNCULACEAE) (**2022**). Symposium international bien-être et santé_1^{ère} Edition : « la complémentarité de la médecine traditionnelle et de la médecine moderne », Madagascar.p55, ISSN : 3005-4915.
- Métabolites secondaires isolés de *Vaccinium secundiflorum* Hook (ERICACEAE), une plante antidiarrhéique, endémique de Madagascar (**2022**). Edition de la collection Recherche et Développement (CIDST), 31, p69-79 ; ISSN 1025 – 3467

Language skill

- English (B2 Level)
- French (Fluently)
- German (A2 level)
- Malagasy mother tongue

Digital skill

Microsoft office, Data analysis, Mestranova, Chemdraw

Interests

- Passionate about traveling and discovering new cultures.
- Passionate about reading, especially books on psychology and personal development.

REFEREES

Professor Rivoarison
RANDRIANASOLO

Head of Laboratory of Analytical Chemistry and Formulation
Contact: rivoaris17@gmail.com

Professor Dimby
RALAMBOMANANA

Head of Laboratory of Natural Product and Biotechnology
Contact: dimbyandrianina@gmail.com