

## CURRICULUM VITAE

**Last name:** SAWADOGO

**First Name:** Assétou

**Date and place of birth:** 06/09/1994 in Bobo-Dioulasso (Burkina Faso)

**Sex:** Female

**Nationality:** Burkinabe

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### Academic course

Academic years	Qualifications	Mention	Institutions
2021-2022	3rd year PhD	-	In progress
2020-2021	2nd year PhD	-	In progress
2019-2020	1st year PhD	-	In progress
2018-2019	Master II in Biochemistry - Natural Substances	Very good	Nazi BONI University (UNB ex UPB)
2015-2016	Bachelor of Science in Biochemistry - Natural Substances	Quite good	Polytechnic of Bobo-Dioulasso University (UPB)
2012-2013	Baccalaureate series D	Quite good	School Group Notre Dame de of the Annunciation of Colma

### Professional experiences

- ✓ Three (03) months course at the National Malaria Research and Training Centre from 05 January 2021 to 02 April 2021 in Pharmacognosy. Having for tasks:
  - the realization of *in vitro* culture of different strains of Plasmodium parasites: *Plasmodium falciparum*;

- evaluation of the *in vitro* antiplasmodial activity by the Plasmodium Lactate Dehydrogenase method.
  - the realization of different extraction methods: decoction, maceration, freeze-drying;
  - fractionation by liquid-liquid partition was carried out;
  - the antibacterial and antifungal evaluation of the plant extracts.
- ✓ Six (06) months course at the Institute of Research in Health Sciences (IRSS/DRO) of BOBO-DIOULASSO from 01 October 2017 to 31 March 2018 in the laboratory of pharmacology and entomology. Having for tasks:
- *in vivo* antiplasmodial activities of plant extracts in mice;
  - extractions with organic solvents by maceration; acute and chronic toxicity tests in rats;
  - dissection of rats for biochemical and hematological tests, dissection of mosquitoes.

### **Courses**

- ✓ Training certificate on the French MOOC of Research4Life from 08 November to 12 December 2021.
- ✓ Training certificate on innovations in the fight against vector-borne diseases held from 12 to 17 July 2021 in Bobo-Dioulasso, Burkina Faso.
- ✓ Training on scientific poster design held on 27 May 2021 at the Nazi BONI University of Bobo-Dioulasso.
- ✓ Training certificate in scientific communication, popularization and public speaking from the Agence Universitaire de la Francophonie (AUF).
- ✓ Training on SPSS and Kobocollect software from the Observatoire d'Analyse des Problématiques Educationnelles et Sociales (OPES) of Burkina Faso.
- ✓ Expertise in: WORD, POWERPOINT, EXCEL, INTERNET, R software.

### **Scientific participations**

- ✓ Participation in the Scientific Days of the Institute of Research in Health Sciences (IRSS) from 17 to 19 December 2020 under the theme "Contribution of research to the improvement of the health of populations in Burkina Faso" in Ouagadougou, Burkina Faso.

- ✓ Participation in the scientific days of the XIIIth Edition of the National Forum of Scientific Research and Technological Innovations (FRISIT) from 26 to 30 October 2021 under the theme "Health Sciences and Phytomedicines" in Ouagadougou, Burkina Faso.
- ✓ Participation and communication at the International Symposium on Science and Technology (SIST) from 15 to 19 November 2021 in Ouagadougou, Burkina Faso.
- ✓ Participation in the study day "Women and research for development" of the Institute of Research for Development (IRD) with a poster in Burkina Faso on 29 March 2022 in Ouagadougou, Burkina Faso.
- ✓ Participation in the scientific days of the Doctoriales of the Joseph KI-ZERBO University under the theme "Doctoral schools for a great visibility of research results" from 16 to 18 February 2022 in Ouagadougou, Burkina Faso.
- ✓ Participation in the national final of the My Thesis in 180 seconds competition on 01 July 2021 at the Joseph KI-ZERBO University in Ouagadougou, Burkina Faso.
- ✓ Participation and communication at the Sixth scientific colloquium on malaria under the theme Intensification of the fight against malaria in Côte d'Ivoire and resilience in the context of the pandemic in Covid-19 from 20 to 21 April 2022 at the INSP Adjamé, Côte d'Ivoire.

### **Publications**

- ✓ Combasséré-Chérif, M. , Belem, H. , Koama, B. , **Sawadogo, A.** , Da, S. , Kagambéga, W. , Drabo, A. , Meda, R. and Ouédraogo, G. (2020) Antioxidant and Antiplasmodial Activities of Extracts from *Gardenia erubescens* Stapf et Hutch. and *Fadogia agrestis* Schweinf. ex Hiern. (Rubiaceae). *Open Journal of Applied Sciences*, 10, 675-687. doi: 10.4236/ojapps.2020.1011047.
- ✓ Combassere-Cherif Kaba Mariama, **Sawadogo Assétou**, Koama K. Benjamin, Belem Hadidiatou, DA L.S. Nadège, Kagambega Wendmi, Drabo A. Flora, Meda N. T. Roland and Ouedraogo G. Anicet. Determination of the antioxidant and antiplasmodial activities of *Mitragyna inermis* and *Spermacoce verticillata*. *World Journal of Pharmacy and Pharmaceutical Sciences*, 2020 ;9(11) : 129-143.
- ✓ Article in Review.

### **Languages**

Mooré, Dioula, French and English.

**CERTIFICATION**

I certify to the best of my knowledge and belief that the above information accurately reflects my situation, qualifications and experience.

Done in Ouagadougou, on 17/10/2022

A handwritten signature in black ink, appearing to be 'SAWADOGO Assétou', enclosed in a light gray rectangular box.

SAWADOGO Assétou