

CURRICULUM VITAE

November 20, 2023

NAMES:

Christel Ferréol AZON (PhD Student) – Genetics and Plant Breeding

TITLE, RESPONSIBILITY, AND ACADEMIC AFFILIATION

Research Assistant, Project Manager

Genetics, Biotechnology, and Seed Sciences Unit, (GBioS/ PAGEV/FSA)

Project Manager of Intra Africa Project MoBreed/GENES/Seed kits

CONTACT DETAILS:

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EDUCATION / QUALIFICATION

2019 – to present: PhD research Option: Genetics and Plant Breeding, University of Abomey-Calavi

2017: Master of Science, Genetics and Plant Breeding, Faculty of Sciences and Techniques (FAST),
University of Abomey-Calavi (UAC), Republic of Benin.

2010: Bachelor of Science, Natural Sciences, Faculty of Sciences and Techniques (FAST), University of
Abomey-Calavi (UAC), Benin.

MOST RECENT SPECIFIC TRAININGS

22-08-2020: Webinar on ‘Molecular Plant Breeding and Data Analysis
organized by Jr Biotech foundation in partnership with the University of Cambridge.

21-22/10/2019: workshop on digitalization of breeding programs and data management in
Accra, organized by AVISA project.

Mars - September 2019: Statistical training with application in R software, organized by
Laboratory of Genetics, Horticulture and Seed Sciences (GBioS), University of Abomey- Calavi, Instructor:
Enoch Achigan-Dako (Associate Professor in Genetics, Plant Breeding and Crop Evolution).

01/04 - 05/04/2019: Specific training “Molecular Biology Training and Open Labware
Workshop, Benin Republic” Organized by Jr biotech foundation in partnership with the University of
Cambridge.

30/10 - 19/11/2017 Access to Scientific Information Resources in Agriculture for Low-Income
Countries (ASIRA) organized by Food and Agriculture Organization (FAO).

WORK EXPERIENCE

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June 2016 - to present: Research Assistant Unit of Genetics, Biotechnology and Seed Science (GBioS), Faculty of Agronomic Sciences (FSA), University of Abomey-Calavi (UAC)

May to September 2016 Research Assistant, Project “Improving productivity of watermelon in Benin Funded by “West Africa Agricultural Productivity Program (WAAPP)” Unit of Genetics, Biotechnology and Seed Science (GBioS), Faculty of Agronomic Sciences (FSA), University of Abomey-Calavi (UAC).

June to September 2018: Research assistant for Effect of mineral and organic fertilization on the productivity of the Kersting’s groundnut [*Macrotyloma geocarpum* (Harms) Maréchal & Baudet] Unit of Genetics, Biotechnology and Seed Science (GBioS), Faculty of Agronomic Sciences (FSA), University of Abomey-Calavi (UAC).

May to September 2019: Research Assistant Floral phenology and pollination systems in chasmogamous flowers of Kersting’s groundnut (*Macrotyloma geocarpum* (Harms) Maréchal and Baudet) Unit of Genetics, Biotechnology and Seed Science (GBioS), Faculty of Agronomic Sciences (FSA), University of Abomey-Calavi (UAC).

April 2018- to April 2019: Head of the "Operation Unit" component unit of the Unit of Genetics, Biotechnology and Seed Science (GBioS), Faculty of Agronomic Sciences (FSA), University of Abomey-Calavi (UAC).

April 2020 to January 2021: Research Assistant Genotype-by-Environment Interaction in yield, yield components in Sesame (*Sesamum indicum* L.) across different agroecological zones in Benin Unit of Genetics, Biotechnology and Seed Science (GBioS), Faculty of Agricultural Sciences (FSA), University of Abomey-Calavi (UAC).

April 2019 to April 2020: Facilitator of research activities and conferences of the Unit of Genetics, Biotechnology and seeds Science (GBioS), Faculty of Agronomic Sciences (FSA), University of Abomey-Calavi (UAC).

September 2018 to September 2023: Project manager of mobility programs, Project: MoBreed (Mobility for plant genomics scholars to accelerate Climate-smart adaptation options and food security in Africa) and GENES (Mobility for plant genomics scholars to accelerate climate- smart adaptation options and food security in africa) funded by european union, university of abomey-calavi (UAC).

January – September 2023: Project manager: Vegetable seed kits for food security in Madagascar and Benin (Seed kits)

KEY RECENT MEETINGS AND CONFERENCES

25 - 30/09/2017 Participation to the VI ème Colloquium of Sciences Arts and Culture Organized by University of Abomey-Calavi (UAC) **Oral presentation**

28 - 29/05/2018 Participation to Forum of young researchers on Plant Physiology and its Applications for Agricultural Development: Case of Yams and Vegetable Crops Organized by LAPVESE “Laboratory of Plant Physiology and the Study of Environmental Stresses”, University of Abomey-Calavi (UAC) **Poster presentation.**

13/03/2019 Participation to Results dissemination workshop and valorisation of the achievement of the project “FoodAfrica” Organized by Bioversity International and “FoodAfrica”.

23 - 25 /10/2019 Participation to the first conference of African Plant Breeders Association held in Ghana (Accra) **Poster presentation.**

01 - 05/10/2020 Participation to the Intra-Africa GENES consortium technical on annual report submission and PhD students project review in Yaounde Cameroon.

17 - 20/ 08/2020 Participation to the virtual conference of National Association of Plant Breeders organized by University of Nebraska-Lincoln (America) **Poster presentation.**

08 - 10/12/2021 Participation to Doctorial seminar of Niger organized by University Abdou MOUMOUNI of Niamey (Niger) **Oral presentation**

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14 - 17 November 2022 Participation to the 25th symposium of international association of research scholars and fellow of IITA (IARSAF-IITA), **Oral presentation**

25 - 29 September 2023 Participation to the VIII ème colloquium of University of Abomey-Calavi on Sciences, Cultures and Technologies **Oral Presentation**

AWARDS AND DISTINCTIONS

Congratulation letter, Laboratory of Genetics, Biotechnology and Seed Sciences

MOST RECENT PUBLICATIONS

1- **Socio-demographic factors and ethnobotanical knowledge associated with sesame management practices across agroecological zones in Benin**

Christel F. Azon, Nicodème V. Fassinou Hotegni, Charlotte A. O. Adjé, Chaldia O. Agossou, Olga E. D. Sogbohossou, Hermine Nouletope, Odilon-Parfait K. Akotchayé, Pancrace Kékpè, Clavaire Aïso, Maboudou A. Guirguissou, Komivi Dossa, Clément Agbangla, Florent J-B. Quenum, Enoch G. Achigan-Dako (2023). *Experimental Agriculture*, vol. 59, e10, 1–21 <https://doi.org/10.1017/S0014479723000078>

2- **Genotype · Environment Interaction and stability analysis for seed yield and yield components in sesame (*Sesamum indicum* L.) in Benin Republic using AMMI, GGE biplot and MTSI**

Christel F. Azon, Nicodème Fassinou Hotegni, Eurydice Olga Deedi Sogbohossou, Lewis Gnangle, Guillaume Bodjrenou, Charlotte O. Adjé, Komivi Dossa, Clément Agbangla, Florent J.B. Quenum, Enoch G. Achigan-Dako. Published in *Heliyon* (2023) **Volume 9, Issue 11**, e21656 <https://doi.org/10.1016/j.heliyon.2023.e21656>

3- **Technical sheet for the Production of watermelon (*Citrullus lanatus* Thunb.)**

Lys A. Aglinglo, **Christel F. Azon**, Eric C. Lègba, Djido Ulrich, Chaldia O. Agossou, Rachidi Francisco, Nicodème V. Fassinou Hotègni, Enoch G. Achigan-Dako Laboratory of Genetics Horticulture and Seed Science (GBioS) 2018 ISBN 978-99919-76-81-5 | Legal deposit N°10479 of 06/07/18 National Library of Benin, 3rd quarter July, 2018.

4- **Technical sheet for the production of kersting groundnut [*Macrotyloma geocarpum* (Harms)**

Maréchal & Baudet] Félicien Akohoue, Mariam Coulibaly, Chaldia O. Agossou, **Christel Azon**, Monique M. Sognigbé, Eric C. Lègba, Nicodème V. Fassinou Hotègni, Enoch G. Achigan-Dako Laboratory of Genetics Horticulture and Seed Science (GBioS) 2018 ISBN 978-99982-916-0-7 Legal deposit N° 11099 of 15/02/19 National Library of Benin, 3rd quarter.