

# CURRICULUM VITAE

December 1, 2023

## NAMES:

**Fernand Silvère Sohindji (PhD), Genetics and Plant Breeding**

## TITLE, RESPONSIBILITY, AND ACADEMIC AFFILIATION

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

In charge of Research and Plant Production, Centre of Eco-Education and Valorization of Vegetable (CEEVal-Benin)

## CONTACT DETAILS:

Genetics, Biotechnology and Seed Sciences Unit (GBioS), Laboratory of Crop Production, Physiology and Plant Breeding (PAGEV), Faculty of Agronomic Sciences, University of Abomey-Calavi, Republic of Benin. 01 BP 526 Cotonou, Republic of Benin, URL: <http://gbios-uac.org/>

Centre of Eco-Education and Valorization of Vegetables (CEEVal-Benin), Agrobusiness – Agricultural extension services – Training – Research, Abomey-Calavi, Godomey, Benin Republic, IFU: 02224253106, URL: <https://www.linkedin.com/company/ceevalbenin>

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## EDUCATION / QUALIFICATION

**October 2018 – February 2023:** Doctor Plant Science of Crop Protection, Option: Genetics and Plant Breeding, Doctorate School of Agronomic and Water, University of Abomey-Calavi, Benin Republic.

**October 2015 – March 2018:** Master of Sciences, Biotechnology and Plant Breeding, Faculty of Agricultural Sciences, University of Abomey-Calavi, Benin Republic.

## MOST RECENT SPECIFIC TRAININGS

**July 3<sup>rd</sup> – 17<sup>th</sup> 2022:** Agri-Engage Summer School on Agri-Entrepreneurship and community Engagement, Mohammed VI Polytechnics University, Morocco.

**June 1-3<sup>rd</sup> 2022:** UIUC Spring Workshop: Applied Quantitative Genetics for Plant Breeders University of Illinois at Urbana-Champaign, virtual meeting.

**March 1-5<sup>th</sup> 2022:** Writing workshop, Sweetpotato project REF: AUG II-2-247-2018. “Improved Orange Fleshed Sweet Potato Value Chain for Food and Nutrition Security in Benin, Niger and Nigeria”; Bohicon (Benin Republic).

**January 13-14<sup>th</sup> 2022:** Tools for Polyploids Training Workshop. University of San Diego, in San Diego, CA, USA, virtual meeting.

**November 1-5<sup>th</sup> 2021:** Online training, “Vegetable Genetic Resources Conservation and Use”. World Vegetable Center, Taiwan Africa Vegetable Initiative (TAVI) project, virtual meeting.

**April 1-5<sup>th</sup> 2019:** Participating in world-class hands-on Molecular Biology Training & Open Labware Building Workshop, which took place at the University of Abomey-Calavi, Benin Republic, West Africa.

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Organized by JR BIOTEK FOUNDATION in collaboration with University of Cambridge and University of Abomey-Calavi.

## WORK EXPERIENCE

**November 2023 – Present:** In charge of Research and Plant Production, Centre of Eco-Education and Valorization of Vegetable (CEEVal-Benin), Agrobusiness – Agricultural extension services – Training – Research.

**January 2023 – Present:** Associate Scientist, Genetics, Biotechnology and Seed Sciences Unit (GBioS), Laboratory of Crop Production, Physiology and Plant Breeding (PAGEV), Faculty of Agronomic Sciences, University of Abomey-Calavi, Republic of Benin. Translation of documents (English-French), drafting of manuscripts of articles, supervision of master and bachelor' students, participation as a member of jury (Bachelor degree, PhD students' presentations).

**2019 – 2022:** Research Assistant in Seed System under the project "Sweetpotato" entitled "*Improved Orange Fleshed Sweet Potato Value Chain for Food and Nutrition Security in Benin, Niger and Nigeria*" funded by African Union. University of Parakou, Benin Republic.

**2016 – 2018:** Research Assistant, Genetics, Biotechnology and Seed Sciences Unit (GBioS), Laboratory of Crop Production, Physiology and Plant Breeding (PAGEV), Faculty of Agronomic Sciences, University of Abomey-Calavi, Republic of Benin.

## KEY RECENT MEETINGS AND CONFERENCES

**October 25 – 29<sup>th</sup>, 2023: Poster presentation.** African Plant Breeders Association conference. Accelerating Genetic Gains in Plant Breeding for Resilience, Transformative Food Systems and Economic Growth in Africa. APBA, Mohammed VI Polytechnics University, Morocco.

**September 25 – 29<sup>th</sup>, 2023: Oral presentation.** Eighth Colloquium of Sciences, Technologies and Cultures of University of Abomey- Calavi, of the University of Abomey-Calavi, Bénin.

**October 25 – 29<sup>th</sup>, 2021: Oral presentation.** African Plant Breeders Association conference. Accelerating Genetic Gains in Plant Breeding for Resilience, Transformative Food Systems and Economic Growth in Africa. APBA, Kigali, Rwanda.

**January 25 – 28<sup>th</sup>, 2021: Poster presentation.** Power in your plate conference, Diversifying, Food Systems with African Traditional Vegetables to Increase Health, Nutrition and Wealth. World Vegetable Center, Tanzania.

## MANUSCRIPTS REVIEW

Annales des Universités de Parakou - Sciences Naturelles et Agronomie (1)

## AWARDS AND DISTINCTIONS

**November-2018:** Congratulations letter from the head of the Laboratory of Genetics, Horticulture and Seed Sciences (GBioS) for efforts made in awarding African Union Research Grant to the Lab GBioS / Faculty of Agronomic Sciences, University of Abomey Calavi, Benin.

**2010:** Scholarship of Benin Government for Bachelor studies

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## MOST RECENT PUBLICATIONS

1. **Sohindji S.F.**, Oke A.A., Adje O.A.C., Fassinou-Hotegni V.N., QUENUM F., Achigan-Dako E.G. (2023): Crossing possibility for breeding promising orange-fleshed sweetpotato genotypes in Benin. Czech J. Genet. Plant Breed. <https://doi.org/10.17221/104/2022-CJGPB>
2. **Sohindji F.S.**, Adje O. A. C, Fassinou Hotegni V. N, Fanou Fogny N, Akponikpe T, Quenum F, **Enoch G.** Achigan-Dako. 2022. Orange-fleshed sweetpotato production: Progress and perspectives for value chain development in West Africa. JSFA Reports. 2022. <https://doi.org/10.1002/jsf2.42>
3. Enoch G. Achigan-Dako, Dêédi E.O. Sogbohossou, Carlos A. Houdegbe, Mouizz A. Salaou, **Fernand S. Sohindji.** Jelila Blalogoe, Barthlomew Y. Chataika, Herbaud F. Zohoungbogbo, Charlotte A.O. Adje, Nicodème V. Fassinou Hotegni, Rachidi Francisco, Mary O. Abukutsa-Onyango and M. Eric Schranz (2021). Ten Years of *Gynandropsis gynandra* Research for Improvement of Nutrient-Rich Leaf Consumption: Lessons Learnt and Way Forwards. *Annual Plant Reviews online*, 767-812. doi: [10.1002/9781119312994.apr0774](https://doi.org/10.1002/9781119312994.apr0774)
4. **Sohindji, F.S.**; Sogbohossou, D.E.O.; Zohoungbogbo, H.P.F.; Houdégbé, C.A.; Achigan Dako, E.G. Understanding Molecular Mechanisms of Seed Dormancy for Improved Germination in Traditional Leafy Vegetables: An Overview. *Agronomy* **2020**, *10*, 57. DOI: [10.3390/agronomy10010057](https://doi.org/10.3390/agronomy10010057)
5. **Fernand S. Sohindji.** Idrissou Ahoudou, Eric C. Lègba, Charlotte Adje, Nicodème V. Fassinou Hotègni, Enoch G. Achigan-Dako (2018). Fiche technique synthétique pour la production de la patate douce (*Ipomoea batatas* (L.) Lam.); Laboratory of Genetics, Horticulture and Seed Science (GBioS), University of d'Abomey-Calavi (UAC) ; ISBN 978-99919-78-42-0 ; Dépôt légal N° 10662 du 06/09/18 ; Bibliothèque nationale du Bénin, 3ième trimestre. Available on: [www.gbios-uac.org](http://www.gbios-uac.org) (DOI: [10.13140/RG.2.2.33567.38560](https://doi.org/10.13140/RG.2.2.33567.38560))