



JEROME MONROE BERNARDINO



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14 rue du Docteur Collé, 91140, Bures-sur-Yvette, France

HARD SKILLS

Laboratory techniques

- PCR/RT-qPCR analysis
- Molecular cloning
- Blue-white screening
- Genomic DNA and RNA extraction
- Transformation using *A. tumefaciens*
- Molecular marker design
- Restriction enzyme digestion
- Plant tissue sectioning and slide preparation
- Plantlet culture (*Arabidopsis thaliana* and *Prunus cerasifera*)
- Bacterial culture
- Confocal microscopy

Software usage

- Good at using SPSS
- Quite familiar with manipulating R and GIS

SOFT SKILLS

- Highly skilled at oral and written communications
- Well-versed and experienced at works where leadership and cooperation are utmost required
- Possesses a pleasing personality that can foster an encouraging atmosphere

REFERENCES

Simon SAUCET, Ph.D.
Former post-doc fellow,
INRAE-PACA
simonsaucet@orange.fr

Roland HIPOL, Ph.D.
Professor, Department of
Biology
University of the Philippines
rmhipol@up.edu.ph

EDUCATIONAL BACKGROUND

MS in Biocontrol Solutions for Plant Health (M1 and M2 BOOST)

Distinctions: *Magna Cum Laude (Mention Bien)* for M1; *Best mark* for M1 thesis
Université Côte d'Azur, 06103 Nice, France

M1: September 2020 - August 2021; M2: September 2021 - present

BS in Biology

Distinctions: *Cum Laude (Mention Assez Bien)*;

Belonged to the top ten percent of the batch

Thesis: Screening for Nematicidal Properties and Alkaline Serine Protease Gene of Fungi Isolated from Root-Knot Nematode-Infected *Daucus carota* in Atok, Benguet

University of the Philippines, 2600 Baguio City, Philippines

June 2013 - May 2017

PROFESSIONAL EXPERIENCE

January 2022 - present

Intern, Institut de Sciences des Plantes Paris-Saclay, Université Paris-Saclay, 91192 Gif-sur-Yvette, France

Works on the characterization of long non-coding RNAs (lncRNAs) involved in lateral root development

April 2021 - July 2021

Intern, Institut National de la Recherche Agronomique, 06903 Sophia Antipolis, France

Worked on the elucidation of the genetic requirements of the *Ma* gene for functional resistance to root-knot nematodes (*Meloidogyne* spp.)

August 2018 - July 2020

Full-time Instructor, University of the Philippines

Courses taught include Plant Anatomy, Plant Physiology, Statistical Methods in Biology, Systematics of Spermatophytes, Phycology, Integrative Biology, and Living Systems: Concepts and Dynamics

April 2018 - July 2018

Lecturer, UPLink Tutorial and Review Center

Courses taught include Biology, Physics, and Chemistry

AWARDS AND ACHIEVEMENTS

Awardee, PhilFrance Scholarship 2020

Granted with the highly competitive full scholarship offered by the French government for Filipino professionals. The scholarship is awarded to highly qualified candidates who have demonstrated strong academic and leadership qualities in their scholarly and professional activities.

Top Scorer in the Student Evaluation for Teachers (SET)

For three consecutive terms, ranked first in the evaluation of all the forty-six full-time faculty members in the prime state university in the Philippines.

University Scholar and College Scholar

For four terms, obtained the highest academic recognition a student in the top university in the Philippines can have. For two terms, obtained the second highest academic recognition a student in the same university can have.