***RESUME***

I am a Cameroonian named Chofong Gilbert Nchongboh, studied Plant Biology at University of Dschang and then went on with CIP-MSc award in same university. I obtained my MSc in Plant Physiology and Biotechnology in 2007. I joined Huazhong Agricultural University in September 2008 under Sino-Cameroon Scholarship scheme. I studied Chinese language and culture for one academic year. I picked up the option of Molecular Plant Pathology (Virology) under the College of Plant Science and Technology. This was in the National Key Laboratory of Agro-microbiology, and The Key Laboratory of Plant Pathology of Hubei Province. Here, I worked hands in gloves with the citrus team and came out with protein-protein interaction map of *Citrus tristeza virus* (CTV).

This group has a broad range of research projects from Applied, through Strategic to Fundamental, funded from a wide variety of sources. The underlying aim is to provide environmentally friendly sustainable disease control measures whilst at the same time reducing inputs.

I am currently a lecturer in the School of Agriculture and Natural Resources at the Catholic University of Buea, Cameroon, Chair of Integrated Agriculture and Supervisor of Admission and Enrollment Management.

Small RNAs and small RNAs-mediated epigenetic modifications are key factors in Immune defense pathways against foreign nucleic acids, and key regulators in growth, development, differentiation, metabolism and reproduction pathways in Eukaryotes. In defending against viruses, innate immune responses are activated and RNA interference pathways are boosted in plants. However, viruses encode silencing suppressors to inhibit the RNA silencing pathways in order to change the cellular environment to suit viral life cycle, the consequence of which manifested as viral symptoms in plants.

I am interested in elucidating the mechanisms of small RNA biogenesis during viral infection, the influence of viral infection on the small RNA silencing pathways, plant morphology changes and viral symptoms development, the understanding of which will help in protecting the crops and contribute to the agricultural sciences.

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Molecular Plant Pathologist