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Validation of innovative digital microscopes for the diagnosis of schistosomiasis and other helminthiases

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Curriculum Vitae

Brice Meulah, born on the 3rd of April 1993 in Buea Cameroon and an alumnus of Lycee Bilingual Grammar School Buea, obtained his Bachelor's degree in Biochemistry with a Minor in Medical Laboratory Technology and a Master's degree in Biochemistry and Molecular Biology from the University of Buea in 2015 and 2018 respectively. During his Master research he worked at the Molecular and cell Biology Laboratory (MCBI) where he focused on investigating the genetic polymorphism and identifying the allelic variants of domain 1 of *P. falciparum* AMA-1 gene for its implication in malaria vaccine design. For this research he conducted blood sampling at different hospitals in Buea and performed microscopy and different types of PCR and restriction fragment length polymorphism. After defending his Master thesis and while waiting for a new academic year to begin his PhD research, he continued working at Molecular and Cell Biology Laboratory for a few months as a graduate researcher on elucidating the function of OVOC5284 gene homologues in *Onchocerca ochengi* worm, to identify novel biomarkers using knockdown experiments. He later began a PhD training at the University of Buea where he took a year course on advance methods in Molecular Biology and Functional Genomics. Uncertain about the source of funding for his PhD research, he got offered a year later the opportunity of a new PhD position through Centre de Recherches Médicales de Lambaréné to study at Leiden University Medical Center. He joined the department of Parasitology, Leiden University Center for Infectious Disease as well as Centre de Recherches Médicales de Lambaréné working under the INSPIRED-project: Inclusive diagnosis of poverty related parasitic disease with the aim to test and validate novel diagnostics for NTDs, Schistosomiasis, Filariasis and Malaria in Nigeria and Gabon (<http://inspired-diagnostics.info/about/>).

List of publications

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Appendix

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