



VNVL staff:

- Chief Research Assistant
- 10 Research Assistants
- Administrative assistant
- 2 support staff

Contact us:

Rebecca Pwalia, Chief Research Assistant

Email: rpw@vestergaard.com

Mobile: +233 (0)24 097 0813/ (0) 246502564

Vestergaard – NMIMR Vector Labs
Noguchi Memorial Institute for Medical Research
University of Ghana
PO Box LG 581, Legon, Accra, Ghana



NOGUCHI MEMORIAL INSTITUTE
FOR MEDICAL RESEARCH
UNIVERSITY OF GHANA, LEGON

VESTERGAARD® 
IMPACTING PEOPLE

About us

Vestergaard-NMIMR Vector Labs (VNVL) was established in November 2011 as a public-private partnership between Vestergaard and Noguchi Memorial Institute for Medical Research in Accra, Ghana. A primary goal of VNVL is to support research and development of vector control tools, and to provide opportunities for knowledge sharing, capacity building, and collaboration.

Collaboration

Together with NMIMR, VNVL has played a key role in the monitoring of insecticide resistance in malaria vectors under Ghana's National Insecticide Resistance Monitoring Partnership (NIRMOP).

In addition to the core collaboration with NMIMR, VNVL collaborates globally with other academic institutions and vector control stakeholders worldwide. VNVL offers collaborators high insectary capacity and bioassay testing capabilities for both laboratory and field based trials.



Our services

- **Insectary** with susceptible and insecticide resistant *Anopheles gambiae* s.l. strains and the capacity to produce over one million mosquitoes per year.
- **Bioassay laboratory** with the capacity to conduct testing of long-lasting insecticidal nets (LLINs) according to WHO protocols and tailored bioassays for testing new vector control tools. Susceptibility testing using WHO tube and CDC bottle assay protocols are also routinely conducted to monitor insectary colonies and wild mosquitoes.
- **Molecular laboratory** equipped to identify mosquito species, and characterises insecticide resistance mechanisms, including target site and metabolic mechanisms. Also equipped to test for blood meal origin and the presence of *Plasmodium* sporozoites.
- **Tailored training in entomology** with the capacity to host local and international research projects.

VNVL functions in partnership with NMIMR, including collaborations with research fellows within the Department of Parasitology and Immunology. Recent university graduates are also posted to VNVL through Ghana's National Service Scheme.